Yahoo Group Archive: Motorola_R-1801

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2001-03-03 through 2016-11-17

Source WARC: motorola_r-1801.nsw2Lkm.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-12-21T02-50-57Z-edee6f

Messages included in this PDF: 238

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome

Yahoo group: Motorola_R-1801
Date: 2001-03-03 13:31:40 UTC
From: andy@brinkleyelectronics.com
Topic: 1 Message: 1

Welcome to the Motorola R-1801 group. The purpose of this group is for sharing of information regarding the R-1801 and the radios and pagers that it programs. Swapping and trading of parts, pieces and information is encouraged.

Thanks

Andy Brinkley (NC4AB)
List Moderator

www.brinkleyelectronics.com

2. R-1801 added capabilities via PROMS?

Yahoo group: Motorola_R-1801
Date: 2001-04-09 23:47:24 UTC
From: seleong@yahoo.com
Topic: 2 Message: 2

Hello Andy!

Thanks for setting up this user group! I hope we can increase the traffic to this site so we can all benefit from our collective pool of knowledge.

I am a new/novice user of the R-1801 programmer. I have verified that my R-1801 only has the MX300S program in it. Is there any way to add programming capabilities to the machine (via adding PROMS?)?

I am also curious if the DB25 cables from top cover to bottom of the suitcase are "direct", that is pin 1-to-pin 1, pin 2-to-pin 2, etc., or is there a wiring diagram somewhere?

Is there a Users Manual or Service Manual for the R-1801?

Thanks very much in advance for your help!

Steve KC6IJM

3. News from GSMUnlock.om

Yahoo group: Motorola_R-1801
Date: 2001-04-10 07:47:28 UTC
From: GSMUnlock.com
Topic: 3 Message: 3

HARDWARE:

Motorola EMMI MFP7c
Motorola EMMI MFP8b FLASH ROM memory 128Mbit
Ask for price !

Mitsubishi SP lock clip
all models
Ask for price !

Nokia all models all version unlocking device NU-2000A
- remove SP-Locks 5sec (any level)
Phones supported:
- Nokia 3210: V05.31, V05.36, V06.00
- Nokia 3310: V03.24, V04.02, V04.06, V4.18, V4.19, V4.23, V4.24
- Nokia 5110: V05.28, V05.29, V05.30
- Nokia 5130: V05.71
- Nokia 6150: V5.22, V5.23
- Nokia 6210: V03.01, V03.04, V04.08, V4.27, V4.36
- Nokia 7110: V04.88, V04.94, V05.00, V5.01
- Nokia 8210: V5.11, V5.16, V5.20, V5.21, V5.25, V5.26
- Nokia 8850: V5.16, V5.20, V5.21, V5.25, V5.26
Set include:
- NU-2000A
- CD-ROM with SW (Windows application)
- cables for all Nokia models 5pcs.
- dongle
- power supplier
3 months FREE support.
Ask for price !

Language Uploading Tool non-original
Ask for price !

Service Equipment original
Nokia FPS-4 Flash Prommer System
Nokia FLA-7 Flash Loading Adaptor
Nokia TDF-4 Security Box
Nokia PKD-1 Dongle
Ask for price !

SOFTWARE (all dongle protected):

Sagem SW for removing SP lock and language uploading on Sagem MC8xx and MC9xx. (including N1 N2)
Ericsson SW for removing SP lock and language uploading on Ericsson A1018,T10,T18,T28,R320,R380.

Ericsson SW for removing SP lock and language uploading on Ericsson A2618s, T20s, A2688.
Phillips SW for removing SP lock and language uploading on Phillips Savy, Genie, Xenium.Software can generate all codes (NCK,SPCK,CCK,PCK) by cable.
Mitsubishi SW for removing SP lock and language uploading on Mitsubishi Trium Astral, Galaxy, Mars and others.
Alcatel SW for removing SP lock Alcatel 3xx, 5xx, 7xx.
Siemens SW for removing SP lock and language uploading on Siemens C/S/M 35 (including version 15,16,17,18,19)
Siemens SW for removing SP lock and language uploading on Siemens C25 version 61 and S25.
Siemens SW for removing SP lock and language uploading on Siemens A36/A35.
Sony SW for removing SP lock on Sony Z-5 !
Panasonic for removing SP lock and language uploading GD52/92/93.
Samsung SGH810 and A100/110 SW for removing SP lock.
Ask for price !
SW packages also avalaible !

More technical info on:
http://www.umtsunlock.com

New Motorola and Nokia phones firmware (MCU SW and language packs) and additional support, upgrade information:
http://www.umtsunlock.com/software

Hardware warranty is 24 months.

WE TRADE ONLY WITH OUR SOFTWARE (PRODUCED BY GSMUNLOCK TEAM), WE NOT RESALE ANY OTHER SOFTWARE PRODUCTS.

Delivery is possible by DHL or our sales agent can deliver it to your country.
DHL delivery is included in price.
Payment we accept T/T (money transfer) or WU or cash.
We have offices in:
London,UK
Frankfurt Am Main,Germany
Moscow,Russia
Kiev,Ukraine
Vilnius, Lithuania

Best Regards,
Darius Klevickas
info@...
www.gsmunlock.com
mob.+447951600555
mob.+3709910000
tel.+3702685564
fax+3702222757

4. File Up load

Yahoo group: Motorola_R-1801
Date: 2001-04-11 01:29:16 UTC
From: Andy Brinkley
Topic: 4 Message: 4

Hello everyone -

I have been off the internet for the past couple of weeks doing my taxes.

Any way, I have uploaded a Excel file showing the Part Numbers for the
Interface cards, Memory proms and program eeproms.

If someone needs it in another format, please let me know.

Andy Brinkley (NC4AB)
List Moderator

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

5. Re: [Motorola_R-1801] R-1801 added capabilities via PROMS?

Yahoo group: Motorola_R-1801
Date: 2001-04-11 01:42:27 UTC
From: Andy Brinkley
Topic: 2 Message: 5

Steve -

Welcome to the list.

The R-1801 can be set up for many radios, cell phones and pagers by adding the software EEPROMS to the R-1801.

I have uploaded an Excel File showing Interface Card, software eeprom and memory eeprom part numbers.

You can determine what software is loaded in your R-1801 by pressing Shift + "L" then L and the R-1801 will list the programs that it has on board.

The part number for the R-1800 service manual is 6881069A90; current Motorola price $26.25

I'll see if I can pin out the cables and let you know.

Andy

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FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

6. Re: [Motorola_R-1801] R-1801 added capabilities via PROMS?

Yahoo group: Motorola_R-1801
Date: 2001-04-11 13:53:38 UTC
From: Steve
Topic: 2 Message: 6

Hello Andy!

Thanks very much for the info! Do you know if I can
get copies of the EEPROMS for other radios or is
Motorola as paranoid about this software as they are
about their newer RSS? Thanks for the pinout data
when you have time too! Thanks again!

Steve KC6IJM

P.S. - Forgot to ask: What is the difference between
the R-1800 and R-1801???

--- Andy Brinkley <andy@...>
wrote:
> Steve -
>
> Welcome to the list.
>
> The R-1801 can be set up for many radios, cell
> phones and pagers by adding
> the software EEPROMS to the R-1801.
>
> I have uploaded an Excel File showing Interface
> Card, software eeprom and
> memory eeprom part numbers.
>
> You can determine what software is loaded in your
> R-1801 by pressing Shift +
> "L" then L and the R-1801 will list the programs
> that it has on board.
>
> The part number for the R-1800 service manual is
> 6881069A90; current Motorola
> price $26.25
>
> I'll see if I can pin out the cables and let you
> know.
>
>
> Andy
>
>

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> FCC Licensed Technician / Amateur Call NC4AB

> http://www.brinkleyelectronics.com
>
>
>

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

7. RE: [Motorola-User] MSF5000 Proms

Yahoo group: Motorola_R-1801
Date: 2001-04-15 10:51:33 UTC
From: Andy Brinkley
Topic: 7 Message: 7

-- Original Message --

>Does anyone have a link to a site where I can purchase 10 or so blank
>codeplug eproms for a MSF5000 CLB station?

I can supply the Code Plugs either blank or programmed.

>What is the generic cross reference for the codeplug eprom?

The Motorola P/N for the Code Plug EPROM (U803) are 51-900002B01 or 51-900002B02,
which cross over to 2732 or 2732A Eproms.

E-mail me direct if you need more info.

Andy

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FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

8. News from GSMUnlock.com

Yahoo group: Motorola_R-1801
Date: 2001-04-17 08:01:10 UTC
From: GSMUnlock.com
Topic: 8 Message: 8

HARDWARE:

Motorola EMMI MFP7c
Motorola EMMI MFP8b FLASH ROM memory 128Mbit
Ask for price !

Mitsubishi SP lock clip
all models
Ask for price !

Nokia all models all version unlocking device NU-2000A
- remove SP-Locks 5sec (any level)
Phones supported:
- Nokia 3210: V05.31, V05.36, V06.00
- Nokia 3310: V03.24, V04.02, V04.06, V4.18, V4.19, V4.23, V4.24
- Nokia 5110: V05.28, V05.29, V05.30
- Nokia 5130: V05.71
- Nokia 6150: V5.22, V5.23
- Nokia 6210: V03.01, V03.04, V04.08, V4.27, V4.36
- Nokia 7110: V04.88, V04.94, V05.00, V5.01
- Nokia 8210: V5.11, V5.16, V5.20, V5.21, V5.25, V5.26
- Nokia 8850: V5.16, V5.20, V5.21, V5.25, V5.26
Set include:
- NU-2000A
- CD-ROM with SW (Windows application)
- cables for all Nokia models 5pcs.
- dongle
- power supplier
3 months FREE support.
Ask for price !

Language Uploading Tool non-original
Ask for price !

Service Equipment original
Nokia FPS-4 Flash Prommer System
Nokia FLA-7 Flash Loading Adaptor
Nokia TDF-4 Security Box
Nokia PKD-1 Dongle
Ask for price !

SOFTWARE (all dongle protected):

Sagem SW for removing SP lock and language uploading on Sagem MC8xx and MC9xx. (including N1 N2)
Ericsson SW for removing SP lock and language uploading on Ericsson A1018,T10,T18,T28,R320,R380.

Ericsson SW for removing SP lock and language uploading on Ericsson A2618s, T20s, A2688.
Phillips SW for removing SP lock and language uploading on Phillips Savy, Genie, Xenium.Software can generate all codes (NCK,SPCK,CCK,PCK) by cable.
Mitsubishi SW for removing SP lock and language uploading on Mitsubishi Trium Astral, Galaxy, Mars and others.
Alcatel SW for removing SP lock Alcatel 3xx, 5xx, 7xx.
Siemens SW for removing SP lock and language uploading on Siemens C/S/M 35 (including version 15,16,17,18,19)
Siemens SW for removing SP lock and language uploading on Siemens C25 version 61 and S25.
Siemens SW for removing SP lock and language uploading on Siemens A36/A35.
Sony SW for removing SP lock on Sony Z-5 !
Panasonic for removing SP lock and language uploading GD52/92/93.
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SW packages also avalaible !

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Hardware warranty is 24 months.

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We have offices in:
London,UK
Frankfurt Am Main,Germany
Moscow,Russia
Kiev,Ukraine
Vilnius, Lithuania

Best Regards,
Darius Klevickas
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www.gsmunlock.com
mob.+447951600555
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fax+3702222757

9. News from GSMUnlock.com

Yahoo group: Motorola_R-1801
Date: 2001-06-22 11:39:43 UTC
From: gsm_79@yahoo.co.uk
Topic: 8 Message: 9

```
Motorola EMMI MFP7c
Motorola EMMI MFP8b FLASH ROM memory 128Mbit
Ask for price !

Mitsubishi SP lock clip
all models
Ask for price !

Alcatel SW
versions BE1 BE2 BE3 BE4 BE5
- SP lock removing
Ask for price !

Siemens Tool
SCM 35
SC25 V61
A35/A35
- SP lock removing
- IMEI changing
- flashing (language installation )
- work only with HASP4
Ask for price !

Samsung JIG box
SGH2100/2200/2400/500/600/800
A100/110/200/300
M100
N100
- SP lock removing
- IMEI changing
- flashing (language installation or upgrade)
- all functions Authorized Samsung Service Center
Ask for price !

Panasonic Tool
work on GD52/92/93
- removing SP lock and language installation
Ask for price !

Ericsson Unlocker
- work on A2618, A2628, T20
- clear NCK, NSCK, CCK, SPCK and User Code in 7 sec.
- repair damaged phones
- work only with HASP4
- IMEI and language change
Ask for price !
```

Bosch Tool
working via C-BUS cable
work on all models
- reading NCK code
- reading SIM lock code
- reading Corporate code
- reading Provider code
- reading Subset code
Ask for price !

Nokia all models all version unlocking device NU-2000A
- remove SP-Locks 5sec (any level)
Phones supported:
GSM900
- Nokia 5110 [NSE-1]: V05.28, V05.29, V05.30
GSM900/1800
- Nokia 3210 [NSE-8]: V05.31, V05.36, V06.00
- Nokia 3310 [NHM-5]: V03.24, V04.02, V04.06, V4.18, V4.19, V4.23, V4.24, V4.35
- Nokia 3330 [NHM-6]: V3.05, V3.10, V3.12
- Nokia 6150 [NSM-2]: V5.22, V5.23
- Nokia 6210 [NPE-3]: V03.01, V03.04, V04.08, V4.27, V4.36, V05.02
- Nokia 6250 [NHM-3]: V04.00, V04.01, V04.04, V04.05
- Nokia 7110 [NSE-5]: V04.88, V04.94, V05.00, V5.01
- Nokia 8210 [NSM-3]: V5.11, V5.16, V5.20, V5.21, V5.25, V5.26, V5.27
- Nokia 8250 [NSM-2]: V3.08, V3.12
- Nokia 8850 [NSM-3D]: V5.16, V5.20, V5.21, V5.25, V5.26, V5.27

GSM1800 PCN
- Nokia 5130 [NSK-1]: V05.71
- Nokia 6130 [NSK-3]: V05.61
- Nokia 5190 [NSB-1]: V6.11,V6.71
- Nokia 6190 [NSB-3]: V6.13
- Nokia 8890 [NSB-6]: V12.06,V12.07,V12.15
- Nokia 8290 [NSB-7]: V5.02,V5.06,V5.07
- Nokia 3390 [NPB-1]: V7.03, V7.05

Set include:
- NU-2000A
- CD-ROM with SW (Windows application)
- cables for all Nokia models 5pcs.
- dongle
- power supplier
3 months FREE support.
Ask for price !

Nokia Language Uploading Tool non-original
support all models
Ask for price !

Service Equipment original
Nokia FPS-4 Flash Prommer System

Nokia FLA-7 Flash Loading Adaptor
Nokia TDF-4 Security Box
Nokia PKD-1 Dongle
support all models
Ask for price !

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Phillips SW for removing SP lock and language uploading on Phillips Savy, Genie, Xenium.Software can generate all codes (NCK,SPCK,CCK,PCK) by cable.
Mitsubishi SW for removing SP lock and language uploading on Mitsubishi Trium Astral, Galaxy, Mars and others.
Siemens SW for removing SP lock and language uploading on Siemens C/S/M35, A36/A35(including version 15,16,17,18,19)
Sony SW for removing SP lock on Sony Z-5 !
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SW packages also avalaible !

More technical info on:
http://www.umtsunlock.com

New Motorola and Nokia phones firmware (MCU SW and language packs) and additional support,
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Moscow,Russia
Kiev,Ukraine
Vilnius, Lithuania

Best Regards,
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fax+3702222757

10. Re: R-1801 added capabilities via PROMS?

Yahoo group: Motorola_R-1801
Date: 2001-07-06 17:07:09 UTC
From: seleong@yahoo.com
Topic: 2 Message: 10

Hello Andy!

If someone has an R1801 loaded with other programming capabilities, can their EEPROMs be easily copied and inserted/loaded into my R1801? I haven't opened mine up yet to see where the EEPROMs reside.

Also, I was curious if you had a chance to verify if the DB25 cables were in fact "straight-through" types. If so, I should be able to make these up easily. I guess I should order a service manual too!

Thanks again for your support!

Steve KC6IJM

--- In Motorola_R-1801@y..., Andy Brinkley <andy@b...> wrote:
> Steve -
>
> Welcome to the list.
>
> The R-1801 can be set up for many radios, cell phones and pagers by adding
> the software EEPROMS to the R-1801.
>
> I have uploaded an Excel File showing Interface Card, software eeprom and
> memory eeprom part numbers.
>
> You can determine what software is loaded in your R-1801 by pressing Shift +
> "L" then L and the R-1801 will list the programs that it has on board.
>
> The part number for the R-1800 service manual is 6881069A90; current Motorola
> price $26.25
>
> I'll see if I can pin out the cables and let you know.
>
>
> Andy
>
> ----------
> NC Certified Firefighter III / Instructor II / EMT-A
> FCC Licensed Technician / Amateur Call NC4AB
> http://www.brinkleyelectronics.com

11. Re: [Motorola_R-1801] Re: R-1801 added capabilities via PROMS?

Yahoo group: Motorola_R-1801
Date: 2001-07-06 19:35:07 UTC
From: Andy Brinkley
Topic: 2 Message: 11

seleong@... wrote:

> Hello Andy!
>
> If someone has an R1801 loaded with other programming capabilities,
> can their EEPROMs be easily copied and inserted/loaded into my
> R1801? I haven't opened mine up yet to see where the EEPROMs reside.
>
> Also, I was curious if you had a chance to verify if the DB25 cables
> were in fact "straight-through" types. If so, I should be able to
> make these up easily. I guess I should order a service manual too!
>
> Thanks again for your support!
>
> Steve KC6IJM

Steve -

The R-1801 "software" EPROM's are a MCM68764 series and should be readable in an eprom programmer.

The DB-25 cables are straight through. I'll scan the pin out and post in the files section shortly.

Andy

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

12. R1801 Printer Hookup?

Yahoo group: Motorola_R-1801
Date: 2001-08-27 21:19:40 UTC
From: seleong@yahoo.com
Topic: 12 Message: 12

Hello Andy!

I've just recently begun playing with the R1801 with the MX300 program. After the read process, it asks if I would like to print the results.

I am curious how to hook up a printer to the R1801. Is it a serial printer or parallel printer connection? (or another Motorola special connection....?).

Thanks again for your help!

Steve KC6IJM

13. Re: [Motorola_R-1801] R1801 Printer Hookup?

Yahoo group: Motorola_R-1801
Date: 2001-08-27 21:47:31 UTC
From: Andy Brinkley
Topic: 12 Message: 13

seleong@... wrote:

> Hello Andy!
>
> I've just recently begun playing with the R1801 with the MX300
> program. After the read process, it asks if I would like to print
> the results.
>
> I am curious how to hook up a printer to the R1801. Is it a serial
> printer or parallel printer connection? (or another Motorola special
> connection....?).

The printer cable is a part # RTK-4041. I'll pin it out and post the diagram
to the files section. It operates with a standard centronics compatible
printer

Andy

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FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

14. Re: R1801 Printer Hookup?

Yahoo group: Motorola_R-1801
Date: 2001-08-28 19:20:25 UTC
From: seleong@yahoo.com
Topic: 12 Message: 14

--- In Motorola_R-1801@y..., Andy Brinkley <andy@b...> wrote:
> seleong@y... wrote:
>
> > Hello Andy!
> >
> > I've just recently begun playing with the R1801 with the MX300
> > program. After the read process, it asks if I would like to print
> > the results.
> >
> > I am curious how to hook up a printer to the R1801. Is it a
serial
> > printer or parallel printer connection? (or another Motorola
special
> > connection....?).
>
> The printer cable is a part # RTK-4041. I'll pin it out and post
the diagram
> to the files section. It operates with a standard centronics
compatible
> printer

Thanks Andy!

Curious what I/O Port the printer cable connects to?

Also, I uploaded a few photos of various programming adapters gleaned
from a recent auction...(that I wish I had won!).

Steve KC6IJM
>
> Andy
>
> ----------
> NC Certified Firefighter III / Instructor II / EMT-A
> FCC Licensed Technician / Amateur Call NC4AB
> http://www.brinkleyelectronics.com

15. News from GSMUnlock.com

Yahoo group: Motorola_R-1801
Date: 2001-08-31 14:45:36 UTC
From: gsm_79@yahoo.co.uk
Topic: 8 Message: 15

Nokia Resource V2.00
Features Nokia Resource V2.00:
- changing MCU software (upgrade mobile phone SW version)
- changing PPM package (install new language pack)
- SIM lock removing
- "Contact Service" repairing
- Change / Set Wakeup graphics
- Factory settings function (set sec. code on 12345)
- IMEI remote change
support all models
Log files are NOT required !
Set include:
-Nokia Resource V2.00 SW CD (Software, drivers, user manual)
-Nokia Resource V2.00 box
-Dongle
-Cables and Service batteries for all models Nokia 4 pcs.
-Login and Password for Nokia Resource upgrade software area
Price is 2000USD

Prices are subject to agreement. Discounts possible on qty.

More technical info on:
http://www.gsmunlock.com

New Nokia phones firmware (MCU SW and language packs) and additional
support,
upgrade information:
http://www.gsmunlock.com/software

Hardware warranty is 24 months.

DHL delivery is included in price.
Your order will be shipped immediately after receiving payment.
Payment we accept T/T (money transfer) or WU or cash after
demonstration.

Best Regards,
GSMunlock.com Ltd.
http://www.gsmunlock.com
mob.+3709910000
tel.+3702685564
fax+3702222757

16. DEMAND [USA] Radio Frequnecy Transistor

Yahoo group: Motorola_R-1801
Date: 2001-09-11 03:48:24 UTC
From: maverick_go2000@yahoo.com
Topic: 16 Message: 16

Hi

I m looking for this product if you interested let me know ?

Brand : Motorola
Code : TPV8100
Product type : Radio Frequnecy Transistor

Best Regards

Savas Ozuolmez

17. Printer Cable Pin Out

Yahoo group: Motorola_R-1801
Date: 2001-09-11 21:16:22 UTC
From: andy@brinkleyelectronics.com
Topic: 17 Message: 17

The pin out for the R-1801 printer cable is now loaded into the files section

Andy

18. MX-300s C/D PROM Adapter and firmware

Yahoo group: Motorola_R-1801
Date: 2001-10-02 17:44:40 UTC
From: seleong@yahoo.com
Topic: 18 Message: 18

Hello Andy!

I still consider myself a "newbie" to the R1801 programmer. We acquired one late last year with only the MX-300s program in it. We have on adapter, the RTL-5805C for the MX-300s.

I am trying to verify with someone very familiar with the programmer (yourself!) what I will need to program the newer C/D PROMs for the MX-300s. I believe what we have will program the A/B PROMs and can only read the C/D versions.

I have been told that we need the RLN4030C firmware and the RLN4070B adapter for these C/D PROMs. Is this true? The part numbers seem to be different from an old Motorola Service Bulletin I have.

I am also trying to verify which I/O connector we would hook a printer to.

Thanks very much in advance for your help!

Steve KC6IJM

19. NLN-5096C or D vs. REX-1019 or 1090 PROMs (for MX-300s)

Yahoo group: Motorola_R-1801
Date: 2001-10-02 18:32:14 UTC
From: seleong@yahoo.com
Topic: 19 Message: 19

Hello Andy!

I ran into a little confusion on the type of PROMs we have for an MX-300s. I am trying to verify if the ones we have are re-programmable. We have the NLN-5096C or D PROMs. When we looked up an older Motorola Service Bulletin, it stated that the newer re-programmable kits were REX-1019 oro REX-1090.

I am hoping to be able to program the NLN-5096C/D PROM with the RTL-5805C adapter. I hope that they are re-programmable.

I am assuming that the newer REX-1019/1090 EEPROMs are programmable only by using the RLN-4070B adapter.

If you could "fill in the blanks" in this picture, I'd really appreciate the help!

Thanks!

Steve KC6IJM

20. Re: [Motorola_R-1801] MX-300s C/D PROM Adapter and firmware

Yahoo group: Motorola_R-1801
Date: 2001-10-02 23:50:16 UTC
From: Andy Brinkley
Topic: 18 Message: 20

seleong@... wrote:

> Hello Andy!
>
> I still consider myself a "newbie" to the R1801 programmer. We
> acquired one late last year with only the MX-300s program in it. We
> have on adapter, the RTL-5805C for the MX-300s.

The RTL-5805 programs the "A" and "B" version memory modules.

> I have been told that we need the RLN4030C firmware and the RLN4070B
> adapter for these C/D PROMs. Is this true? The part numbers seem to
> be different from an old Motorola Service Bulletin I have.

These are the correct numbers as far as I know.

> I am also trying to verify which I/O connector we would hook a
> printer to.

It goes to I/O 5 or 6, (I can't find the manual right now)

Andy

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

21. Re: [Motorola_R-1801] NLN-5096C or D vs. REX-1019 or 1090 PROMs (for MX-300s)

Yahoo group: Motorola_R-1801
Date: 2001-10-02 23:54:09 UTC
From: Andy Brinkley
Topic: 19 Message: 21

seleong@... wrote:

> Hello Andy!
>
> I ran into a little confusion on the type of PROMs we have for an MX-
> 300s. I am trying to verify if the ones we have are re-
> programmable. We have the NLN-5096C or D PROMs. When we looked up
> an older Motorola Service Bulletin, it stated that the newer re-
> programmable kits were REX-1019 oro REX-1090.

The REX-1090 is the "kit" with the memory module and the 3 screws. The "C" or "D" version are reprogrammable
via the RLN-4070 adapter & the correct firmware.

See the following link for general MX info :

http://www.brinkleyelectronics.com/prog/mot/mxprom.htm

The "C" and "D" versions will not work with the RTL-5805 adapter. The 5805 was setup to "blow" a PROM whereas the RLN-4070 is a EEPROM programmer.

Andy

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB
http://www.brinkleyelectronics.com

22. Re: [Motorola_R-1801] NLN-5096C or D vs. REX-1019 or 1090 PROMs (for MX-300s)

Yahoo group: Motorola_R-1801
Date: 2001-10-03 03:47:22 UTC
From: Steve
Topic: 19 Message: 22

Hello Andy!
Thanks very much for your reply! I'm glad I didn't try to program any C/D Proms with the 5805C!!! Would you happen to have an extra adapter for sale for the C/D EEPROMs? I'm trying to keep expenses down - I am maintaining about 10 MX-300s radios for our RACES guys. It's getting to be a bit pricey with all the PROMs and software. I guess I need to get a copy of the firmware too for the C/D adapter...!! Thanks again for your help!
Steve KC6IJM, Ventura County Sheriff OES/RACES #93-380

Andy Brinkley <andy@...> wrote: seleong@... wrote:

> Hello Andy!
>
> I ran into a little confusion on the type of PROMs we have for an MX-
> 300s. I am trying to verify if the ones we have are re-
> programmable. We have the NLN-5096C or D PROMs. When we looked up
> an older Motorola Service Bulletin, it stated that the newer re-
> programmable kits were REX-1019 oro REX-1090.

The REX-1090 is the "kit" with the memory module and the 3 screws. The "C" or "D" version are reprogrammable
via the RLN-4070 adapter & the correct firmware.

See the following link for general MX info :

http://www.brinkleyelectronics.com/prog/mot/mxprom.htm

The "C" and "D" versions will not work with the RTL-5805 adapter. The 5805 was setup to "blow" a PROM whereas the RLN-4070 is a EEPROM programmer.

Andy

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23. Wanted: RLN4030C and RLN4070B

Yahoo group: Motorola_R-1801
Date: 2001-10-15 17:13:20 UTC
From: seleong@yahoo.com
Topic: 23 Message: 23

Wanted: RLN4030C (firmware) and RLN4070B (adapter). (Programming accessories).

Does anyone have any extras of either that they can part with?

Thanks for your help!

Steve

24. Need solution to install languages and SIM lock Ericsson A2618

Yahoo group: Motorola_R-1801
Date: 2001-11-09 12:56:06 UTC
From: www.gsmunlock.com
Topic: 24 Message: 24

We unrgently need solution to install languages and SIM lock Ericsson A2618.Only serious solutions welcome. Contact :tse025@...

Do You Yahoo!?
Get personalised at My Yahoo!.

25. r1801 accessories

Yahoo group: Motorola_R-1801
Date: 2001-11-29 19:20:52 UTC
From: billg@cwnet.com
Topic: 25 Message: 25

I have an R1801 with firmware and adaptor for MX radios only. Where can one get firmware and adaptors for radios like Mostar, Syntor, Mcs100? Or where can I get hex code files to blow my own firmware, and prints to make interface cables for the above listed radios?

26. MX300 ADAPTERS

Yahoo group: Motorola_R-1801
Date: 2001-12-11 16:40:46 UTC
From: pagefoxxx
Topic: 26 Message: 26

HI EVERYBODY.
WELL, I HAVE MY 1801 AND I HAVE MY ADAPTER FOR THE A/B BIPOLAR EPROMS.
NOW, I AM GOING TO LOOK INTO ADDING A SWITCH OR TWO, TO MAKE THE
ADAPTER WORK WITH THE NEWER C/D EEPROMS FOR THE MX300 SERIES.

I HAVEN'T DONE MY HOMEWORK YET, BUT SO FAR IT SEEMS THAT THERE IS A
DIFFERENCE IN VOLTAGES USED BETWEEN THE TWO TYPE OF ADAPTERS.

ANY INPUT OR DISCUSSION ABOUT THIS IS ENCOURAGED.

JOHN WB2LFU

413-458-5525

27. News from GSMUnlock.com

Yahoo group: Motorola_R-1801
Date: 2001-12-21 08:50:10 UTC
From: www.gsmunlock.com
Topic: 8 Message: 27

Motorola Equipment:

Motorola EMMI SP
Unlock the Motorola mobile phones
Remove SP Lock, also newest Motorola versions xx.13.xx
Change IMEI code
Clear 8bit special code
No computer required
No disassembling required
Price is 180USD
5pcs. - 130USD

Motorola EMMI MFP8b
Price 800USD
5pcs. - 550USD

Motokey + RoEMMI
Price is 450USD
Motokey only
Price is 350USD
5pcs. - 250USD

Motorola-Acer SW
Supported:
Motorola T205/T2688/T191/T2988
Acer G70/D70/D80 & Audiovox 810
Features:
Install languages
Upgrade software vesrion
change EEPROM settings
Remove:
- network lock
- network subset lock
- service provider lock
- corporation lock
Set inculde:
Download cable
CD SW
Flash files for all Motorola-Acer models included
Price is 500USD
5pcs. - 350USD

New generation of EMMI Box - Motorola P2K.
Supported newest phone's standarts:
- GSM (V66,V60,T280), CDMA (V60c) , TDMA, WCDMA
Key features:

- Full flashing (Update software in the phone)
- Language only flashing (Fast language only flashing)
- Phone flexing (Activating and deactivating phone features)
Set includes:
- Installation software, CP/LP flash files on CD
- Documentation
- Dongle LPT
- Motorola cable USB
Price is 450USD
5pcs. - 300USD

Ericsson Clip
- work on A2618, A2628, T20, T29
- clear NCK, NSCK, CCK, SPCK and User Code in 7 sec.
Price is 100USD
5pcs. - 50USD

Nokia Resource is very powerfull Nokia Tool
Features Nokia Resource V2.10:
- changing MCU software (upgrade mobile phone SW version)
- upgrade 6210 to 6250 !
- changing PPM package (install new language pack)
- SIM lock removing
- "Contact Service" repairing
- Factory settings function (set sec. code on 12345)
- IMEI remote change
- very user friendly interface
- working on WIN95, WIN98, WIN2000, Millenium, XP
support all Nokia DCT-3 models
Log files are NOT required ! No LIMIT !
Set include:
-Nokia Resource V2.08 SW CD (Software, drivers, user manual)
-Nokia Resource V2.00 box
-Dongle
-Cables and Service batteries for all models Nokia 4 pcs.
-User Name and Password for Nokia Resource upgrade software area
Price is 800USD
Spare cables set is 30USD only.
5pcs. - 600USD
DEMO kit is avalaible. Price is 300USD.
DEMO Limit 21 days. 100 phones. SP lock remove NO LIMIT.
After remain payment 700USD it will be upgraded for full licensed version.
The device is stand alone. Internet connection not required !

Service Equipment original
Nokia FPS-4 Flash Prommer System
Nokia FLA-7 Flash Loading Adaptor
Nokia TDF-4 Security Box
Nokia PKD-1 Dongle
all Service Software included
support all models

Full set 7.000USD

Service Software set
Phoenix Service Software V2.11.15 for NPE-4 and NHM-7
Wintesla Service Software 6.43
all DLL`s modules for alll Nokia mobile phones
PKD-1 dongle
Price is 500USD

Dejan Dongle + sw V1.04 prices:
1pcs. - 600USD
5pcs. - 400USD
10pcs. - 350USD

Nokia Resource V2.10 work w/o net connection too and I can compile sw w/o our details, so its ready for resale.
1pcs. - 800USD
5pcs. - 600USD
10pcs. - 500USD

Prices are subject to agreement. Discounts possible on qty.

More technical info on:
http://www.gsmunlock.com

New Motorola and Nokia phones firmware (MCU SW and language packs) and additional support, upgrade information:
http://www.gsmunlock.com/software

Hardware warranty is 24 months.

DHL delivery is included in price.
Payment we accept:
- Bank Transfer
- Credit Card VISA MC/EC
- Western Union / MoneyGram / Transkin Aliance
- Check in Euro / USD
- Pay On Delivery (DHL Only)
- Or directly from our shops

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28. rtl-5805 adapter MX-300S A/B

Yahoo group: Motorola_R-1801
Date: 2002-01-31 05:38:08 UTC
From: kssurplus
Topic: 28 Message: 28

HELLO DOES ANYONE HAVE A COPY OF THE SCHEMATIC OF THIS ADAPTER FOR THE MX-300S VERSION A/B OR PRINT OF THE BOARD. THANKS STEVE

29. WTB - RTL4833 Firmware

Yahoo group: Motorola_R-1801
Date: 2002-04-03 01:10:24 UTC
From: nc4ab
Topic: 29 Message: 29

Looking for the PURC Paging Firmware for the R-1801.

Thanks

Andy

30. MX300S -SCAN AND A/B ADAPTER

Yahoo group: Motorola_R-1801
Date: 2002-04-16 02:52:10 UTC
From: kssurplus
Topic: 30 Message: 30

HI EVERYONE (HAHA) DOES NOT SEEM VERY ACTIVE HERE.. I AM
LOOKING FOR INFO / SCHEMATIC OR ? FOR DVP/DES SCAN BOARDS . I
HEARD A RUMOR THAT ONE COULD CHANGE SCAN TO MAYBE ALL FREQ'S SAY
12/24/36/48 ???? SOME KIND OF JUMPER OR ????
ANYBODY GOT A PROGRAMMER FOR THESE THEY WANT TO GET RID OF ????
I AM ALSO LOOKING FOR BLANK EPROMS OR ??? FOR CLONING PROMS IN
R1800'S. I CAN READ ALL BUT WHAT CHIP WILL GO IN TO WORK IN IT'S
PLACE.
ALSO LOOKING FOR PAPER WORK FOR A/B ADAPTER OR COPIES OF SAME SO I
CAM BUILD OR MODIFY ONE FOR EARLIER SERIES. I HAVE C/D AND 4070C.
LET'S HEAR FROM SOME OF THE BRAINS OUT THERE. THANKS
STEVE/WA9SSO

31. IF YOU WANT TO SELL YOUR HAM RADIOS STUFF

Yahoo group: Motorola_R-1801
Date: 2002-08-08 17:56:41 UTC
From: tothenet2000
Topic: 31 Message: 31

Try this new place for Fixed Price and Auction Sales (no listing fee).

THE ONLY PLACE WITH THE INCREDIBLE - "AUTO-RELIST UNTIL SOLD" - OPTION.

HTTP://www.sellatonce.com

regards

Fred

32. New file uploaded to Motorola_R-1801

Yahoo group: Motorola_R-1801
Date: 2002-10-18 18:42:14 UTC
From: Motorola_R-1801@yahoogroups.com
Topic: 32 Message: 32

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Motorola_R-1801
group.

File : /R1801Printer.pdf
Uploaded by : seleong <seleong@...>
Description : Printer Adapter for I/O 5

You can access this file at the URL

http://groups.yahoo.com/group/Motorola_R-1801/files/R1801Printer.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

seleong <seleong@...>
```

33. R-1801 Firmware on E-bay

Yahoo group: Motorola_R-1801
Date: 2003-01-10 22:05:13 UTC
From: nc4ab <nc4ab@yahoo.com>
Topic: 33 Message: 33

I have the following firmware on e-bay, no reserve :

SYNTOR-X FIRMWARE FOR MOTOROLA R-1801 Item # 3105185677
SYNTOR FREQUENCY FIRMWARE FOR MOTOROLA R-1801 Item # 3105186403
MCX-100 FREQ FIRMWARE FOR MOTOROLA R-1801 Item # 3105187426
MCX-100 PL /DPL FIRMWARE FOR MOTOROLA R-1801 Item # 3105187995
MX-300 FIRMWARE FOR MOTOROLA R-1801 Item # 3105188793

Thanks

Andy

34. Re: [Motorola_R-1801] Digest Number 24

Yahoo group: Motorola_R-1801
Date: 2003-01-13 17:49:55 UTC
From: walter.howard@juno.com
Topic: 34 Message: 34

Any programming adapters to go with the firmware?

walter

On 11 Jan 2003 13:21:07 -0000 Motorola_R-1801@yahoogroups.com writes:
> Message: 1
> Date: Fri, 10 Jan 2003 22:05:13 -0000
> From: "nc4ab <nc4ab@...>" <nc4ab@...>
> Subject: R-1801 Firmware on E-bay
>
> I have the following firmware on e-bay, no reserve :
>
> SYNTOR-X FIRMWARE FOR MOTOROLA R-1801 Item # 3105185677
> SYNTOR FREQUENCY FIRMWARE FOR MOTOROLA R-1801 Item # 3105186403
> MCX-100 FREQ FIRMWARE FOR MOTOROLA R-1801 Item # 3105187426
> MCX-100 PL /DPL FIRMWARE FOR MOTOROLA R-1801 Item # 3105187995
> MX-300 FIRMWARE FOR MOTOROLA R-1801 Item # 3105188793
>
>
> Thanks
>
> Andy

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35. Re: [Motorola_R-1801] Digest Number 24

Yahoo group: Motorola_R-1801
Date: 2003-01-13 19:46:28 UTC
From: leschew@mindspring.com
Topic: 34 Message: 35

It's already gone. The bid was up Saturday. On Mon, 13 Jan 2003 10:49:55 -0700 walter.howard@... wrote: > Any programming adapters to go with the > firmware? > > walter > > On 11 Jan 2003 13:21:07 -0000 > Motorola_R-1801@yahoogroups.com writes: > > Message: 1 > >??? Date: Fri, 10 Jan 2003 > 22:05:13 -0000 > >??? From: "nc4ab > " > > > Subject: R-1801 Firmware on E-bay > > > > I have the following firmware on e-bay, no > reserve : > > > > > SYNTOR-X FIRMWARE FOR MOTOROLA > R-1801? Item # 3105185677? > > SYNTOR FREQUENCY FIRMWARE FOR MOTOROLA > R-1801? Item # 3105186403? > > MCX-100 FREQ FIRMWARE FOR MOTOROLA > R-1801? Item # 3105187426? > > MCX-100 PL /DPL FIRMWARE FOR MOTOROLA > R-1801 Item # 3105187995? > > MX-300 FIRMWARE FOR MOTOROLA R-1801? > Item # 3105188793? > > > > > > Thanks > > > > Andy > > _____ > Sign Up for Juno Platinum Internet Access Today > Only $9.95 per month! > Visit www.juno.com > > > > > > To unsubscribe from this group, send an email > to: > Motorola_R-1801-unsubscribe@yahoogroups.com > > > > > > Your use of Yahoo! Groups is subject to the href="http://docs.yahoo.com/info/terms/">Yahoo! > Terms of Service.

36. need info

Yahoo group: Motorola_R-1801
Date: 2003-03-09 19:18:51 UTC
From: funreggie2002
Topic: 36 Message: 36

I have an R1801 with no firmware. Where
can one get firmware and adaptors for radios like
Mostar,Syntor,syntor x and xx. or any adaptors or firmware extras
anyone may have for other radios.

thanks daniel

37. Re: [Motorola_R-1801] need info

Yahoo group: Motorola_R-1801
Date: 2003-03-11 05:44:27 UTC
From: Lester
Topic: 36 Message: 37
Attachments: 1 described; binary payloads are missing from this source WARC

```
try http://www.panikelectronics.com/panik.txt
-------Original Message-------
From: funreggie2002 <funreggie@...>
Sent: 03/09/03 11:18 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] need info

>
```

38. Moto Radio Channel Spacing

Yahoo group: Motorola_R-1801
Date: 2003-04-30 06:43:48 UTC
From: giantcake
Topic: 38 Message: 38

Hi All,

I'm doing a bit of research on older Motorola radios that are programmed via the R-1801. I am trying to find out what radios support 20Khz channel spacing on UHF 440-470 ranges.

I was looking at the following radios:

MX-300s
MSF5000 Analog
Syntor
Syntor X
MCX100

I'm also curious to find on the MX300s series if you had to program the PL on a separate EEPROM/PROM or if it is programmed via the main radio EEPROM/PROM. Or is it a separate board? Can channel scanning also be programmed?

And last but not least, if I have a MX300s with an A/B series PROM, can a C/D series EEPROM be swapped into the radio without any changes? I understand that a different adaptor is required on the R-1801.

I've been looking around for an MX forum or websites but other than some limited info on Batlabs I haven't found anything. Trying to dig up some old Moto service manuals also.

Thanks for any info!!

-Steve

39. Re:R-1801 Moto Radio Channel Spacing

Yahoo group: Motorola_R-1801
Date: 2003-05-04 16:52:35 UTC
From: Jim Conrad
Topic: 38   Message: 39

At 06:43 AM 4/30/03 +0000, giantcake wrote:
>I'm doing a bit of research on older Motorola radios that are
>programmed via the R-1801. I am trying to find out what radios
>support 20Khz channel spacing on UHF 440-470 ranges.
>
>I was looking at the following radios:
>
>MX-300s
>MSF5000 Analog
>Syntor
>Syntor X
>MCX100

I would have to look in each R-1801 firmware manual to determine that since each radio is different.

>I'm also curious to find on the MX300s series if you had to program
>the PL on a separate EEPROM/PROM or if it is programmed via the main
>radio EEPROM/PROM. Or is it a separate board? Can channel scanning
>also be programmed?

Most radio's have a PL module inside the radio unrelated to the Memory Module. None that I am aware use the Frequency/Memory Module for PL. Some do have an EEPROM of some type with mulitple PL Selection switch on the radio but they are SP radio's and are few and far between in my experience.

>And last but not least, if I have a MX300s with an A/B series PROM,
>can a C/D series EEPROM be swapped into the radio without any changes?
>I understand that a different adaptor is required on the R-1801.

All the various PROM/EEPROM versions are transparent to the radio. All work fine.

>I've been looking around for an MX forum or websites but other than
>some limited info on Batlabs I haven't found anything. Trying to dig
>up some old Moto service manuals also.

There are no forums I am aware however the manuals pop up on ebay from time to time.

..Jim

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@... or jimc1790@... (backup)
757-560-5970 Office/Voicemail/Pager - 757-587-8251 Fax
CAGE 0UD60 - http://www.oceanviewcom.com/

40. purc 500's

Yahoo group: Motorola_R-1801
Date: 2003-05-23 01:40:29 UTC
From: n8obu
Topic: 40 Message: 40

any one here play with purc 5000 e proms?

41. Re: [Motorola_R-1801] purc 500's

Yahoo group: Motorola_R-1801
Date: 2003-08-20 14:08:01 UTC
From: Darwin Breland
Topic: 40 Message: 41

Do you happen to know where I can get an R-1801 with the PURC software?

n8obu <n8obu@...> wrote:any one here play with purc 5000 e proms?

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Yahoo! SiteBuilder - Free, easy-to-use web site design software

42. Re: purc 500's

Yahoo group: Motorola_R-1801
Date: 2003-09-13 21:05:52 UTC
From: n8obu
Topic: 40 Message: 42

---

http://www.panikelectronics.com/panik.txt
hang on to your ass ....

In Motorola_R-1801@yahoogroups.com, Darwin Breland
<darwinbreland@y...> wrote:
> Do you happen to know where I can get an R-1801 with the PURC
software?
>
> n8obu <n8obu@y...> wrote:any one here play with purc 5000 e proms?
>
>
> Yahoo! Groups Sponsor
>
> To unsubscribe from this group, send an email to:
> Motorola_R-1801-unsubscribe@yahoogroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> ---
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software

43. Re: [Motorola_R-1801] Re: purc 500's

Yahoo group: Motorola_R-1801
Date: 2003-09-14 16:25:21 UTC
From: Mark Krotz
Topic: 40 Message: 43

> ---
>
> http://www.panikelectronics.com/panik.txt
> hang on to your ass ....
>
>

Example-
RIB CABLE COMPUTER TO RIB 15 TO 9 1EA 95.00EA

These guys must be smokin' crack. Be patient and keep an eye on ebay, radios4sale, etc. An R1801 recently went on ebay for $375.

Cheapest programmer-

R1800 SUITCASE PROGRAMMER/READER 1EA 1100.00EA USED. COMPLETE. W/POWERCORD MODEL# R1800A 1K VERSION A

M

44. IF YOU WANT TO SELL RADIO PARTS AND ACCESSORIES

Yahoo group: Motorola_R-1801
Date: 2003-11-13 14:25:22 UTC
From: rowentry
Topic: 44 Message: 44

Check out this place for Auctions and Fixed price Sales (No listing fee).

I personally liked the amazing : "AUTO-RELIST UNTIL SOLD" option.

http://www.check-it-out-here.org

Fred

45. New to group

Yahoo group: Motorola_R-1801
Date: 2003-11-14 22:16:13 UTC
From: g1jwg
Topic: 45 Message: 45

Hi I've just become the proud owner of an R1801A/M suitcase programmer. It appears to have cellphone software in it at the moment. I've read some of the posts and agree that the prices Panik charge appear to be high, but if that's the market value..?

If you think it is hard to get info in the United States on the R1801 you should try it over here in the UK.

Hopefully I'll be able to find more info on this through the group.

Regards
Dave Mckay g1jwg

46. MX300s SCAN Option

Yahoo group: Motorola_R-1801
Date: 2004-01-04 19:10:18 UTC
From: Steve
Topic: 46 Message: 46

I have a few MX360 (MX300s) radios with the scan switch on the top.

Anyone know if the scan type is fixed or programmable and if this a separate eeprom on the scan board or ?????

Looking for the R1801 adaptor and firmware info if this is what it takes.

Thanks!

47. Re: MX300s SCAN Option

Yahoo group: Motorola_R-1801
Date: 2004-01-04 19:48:06 UTC
From: Jim Conrad
Topic: 46 Message: 47

At 07:10 PM 1/4/04 +0000, Steve wrote:
>I have a few MX360 (MX300s) radios with the scan switch on the top.
>
>Anyone know if the scan type is fixed or programmable and if this a
>separate eeprom on the scan board or ?????
>
>Looking for the R1801 adaptor and firmware info if this is what it
>takes.

Below comes from my web page (http://www.oceanviewcom.com/r1801_info.htm);

Description Application Prog Kit Adapter
Board/Cable Blank Code Plug/Memory Module
MX300S 48 CH DVP
SCAN RTL-4835B RTL-5814A RPX-4445A

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@... or jimc1790@... (backup)
757-560-5970 Office/Voicemail/Pager - 757-587-8251 Fax
CAGE 0UD60 - http://www.oceanviewcom.com/

48. Fwd: Re: MX300s SCAN Option

Yahoo group: Motorola_R-1801
Date: 2004-01-05 03:58:52 UTC
From: Steve Barden
Topic: 48 Message: 48

Hi Jim,

Thanks for the info, I forgot you had that info up on your website.

Do you by chance happen to be able to supply the prom and are you setup for it?

Thanks,

-Steve

Note: forwarded message attached.

Do you Yahoo!?
Free Pop-Up Blocker - Get it now

49. need help please!?!

Yahoo group: Motorola_R-1801
Date: 2004-04-19 03:38:51 UTC
From: n8obu
Topic: 49 Message: 49

i am trying to figure out the connector pin out to make an adaptor for an RTL -5817 b adapter module that i need is the card edge connector it has numbers 1-30 on one edge and A-{J with a bar over} it on the outher side that dont add up on the schematic can any one help??// may be a few close up pictures could/would be a great help if all else fails?
Thanks in advance. mike b n8obu

51. Re: need help please!?!

Yahoo group: Motorola_R-1801
Date: 2004-04-19 23:10:27 UTC
From: n8obu
Topic: 49 Message: 51

--- In Motorola_R-1801@yahoogroups.com, Marion Blanton
<albert_ibew@y...> wrote:
> Top is 1 thru 30.
> Bottom row is
>
a,b,c,d,e,f,h,j,k,l,m,n,p,r,s,t,u,v,w,x,y,z,/a,/b,/c,/d,/e/,/f,/h,/j.
> Letters g,i,o and q are not used.
> Good luck.
>
> --- n8obu <n8obu@y...> wrote:
> > i am trying to figure out the connector pin out to
> > make an adaptor
> > for an RTL -5817 b adapter module that i need is the
> > card edge
> > connector it has numbers 1-30 on one edge and A-{J
> > with a bar over}
> > it on the outher side that dont add up on the
> > schematic can any one
> > help??// may be a few close up pictures could/would
> > be a great help
> > if all else fails?
> > Thanks in advance. mike b n8obu
> >
> >
> THANK YOU for your help mike
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Photos: High-quality 4x6 digital prints for 25¢
> http://photos.yahoo.com/ph/print_splash

52. r1801a service manual needed

Yahoo group: Motorola_R-1801
Date: 2004-05-02 01:22:11 UTC
From: n8obu
Topic: 52 Message: 52

```
i need a manual or at least a schematic for an 1801a the dam thing
is corrupting my reads and writes ...
```

54. Re: R 1800 Analizer/Programmer

Yahoo group: Motorola_R-1801
Date: 2004-05-20 01:27:50 UTC
From: n8obu
Topic: 54 Message: 54

--- In Motorola_R-1801@yahoogroups.com, "albert_ibew"
<albert_ibew@y...> wrote:
> I have an R1800 that has been upgraded to 4K memory and the RTL-
> 4826, MSF5000 application eproms. (7)
> It will not read/write to/from the 2732A eproms.
> When reading a known good codeplug it says that the "checksum is
> bad".
> When trying to program a good, erased, 2732A eprom, it fails to
> program. "Program Failed".
> Also, the last character on the right hand end of the fluorescent
> display has all segments displayed all of the time that power is
on.
> Is there anyone out there that repairs these programmers?
> My finances will not afford the big M, even if they still repair
> them. (Which I doubt.)
> The application eproms and the adapter module have been checked in
> another R1801 and are confirmed as good.
> Any help would be very much appreciated.
>
> Marion
> KC5DPC

i am having the same issues with mine i hope someone will help us m

57. Re: [Motorola_R-1801] Epson MX-80 printer

Yahoo group: Motorola_R-1801
Date: 2004-08-04 14:48:02 UTC
From: Jim Conrad
Topic: 57 Message: 57

At 08:18 PM 8/3/2004, you wrote:
>I bought an Epson MX-80 printer to use with my R-1801A.
>The printer will print a test page but it ignores the R-1801A.
>I tried to download the files but I do not have a program on this
>computer to open a spreadsheet.
>I downloaded a program from the web that advertised that it would,
>but it won't either.
>I built the adapter that was featured in the one "group" file that
>would download (pdf) and open but it still will not print.
>Will some one help me with this problem?

The Port on the R-1801 is not a standard parallel port and requires a specially wired printer cable. Also not all Applications Firmware supports printers so some you can not do printouts. It should show as an option in the menu selections on the R-1801.

59. R-1801 Printer Cable

Yahoo group: Motorola_R-1801
Date: 2004-08-04 22:29:48 UTC
From: nc4ab
Topic: 59 Message: 59

The pin out for the cable is in the files section.

The cable will work with any printer, but will print some garbage on each page.

Andy

61. RE: [Motorola_R-1801] R-1801 Printer Cable

Yahoo group: Motorola_R-1801
Date: 2004-08-05 00:48:17 UTC
From: nc4ab
Topic: 59 Message: 61

```
CENTRONICS COLOR CONNECTION
1 YELLOW DB-25 PIN # 4
2 ORANGE DB-25 PIN # 3
3 PURPLE DB-25 PIN # 7
4 BLUE DB-25 PIN # 6
5 GRAY DB-25 PIN # 8
6 WHITE DB-25 PIN # 9
7 RED / BLACK DB-25 PIN # 10
8 RED / YELLOW DB-25 PIN # 23
9 RED / GREEN DB-25 PIN # 14
10 GREEN DB-25 PIN # 5
11 DK BROWN DB-25 PIN # 17
12 LT BROWN DB-25 PIN # 16
13 RED DB-25 PIN # 15
14 -
15 -
16 JUMPER CENT PIN 27
17 -
18 -
19 BLACK DB-25 PIN # 1
20 -
21 -
22 -
23 -
24 -
25 -
26 -
27 JUMPER CENT PIN 16
28 -
29 JUMPER CENT PIN 33
30 -
31 JUMPER CENT PIN 35
32 PINK DB-25 PIN # 24
33 JUMPER CENT PIN 29
34 -
35 JUMPER CENT PIN 31
36 -

DB-25 PINS ARE EMPTY:2,11,12,13,18,19,20,21,22,25

Andy

-------------------------------------------------------------
NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com
```

-----Original Message-----
From: Marion Blanton [mailto:albert_ibew@...]
Sent: Wednesday, August 04, 2004 7:34 PM
To: Motorola_R-1801@yahoogroups.com
Subject: Re: [Motorola_R-1801] R-1801 Printer Cable

Thanks, Andy,
I have tried, in vain, to open that file. I cannot
open a .xls file.
The software that I spent an hour downloading from the
web wouldn't do the job either.

If you could send me the file in .pdf format, I would
appreciate it very much.
Thanks
and
73s
Marion
KC5DPC

--- nc4ab <abrinkley@...> wrote:

> The pin out for the cable is in the files section.
>
> The cable will work with any printer, but will print
> some garbage on
> each page.
>
> Andy
>
>

_____
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a.. To visit your group on the web, go to:
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Motorola_R-1801-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

62. looking for r-1801

Yahoo group: Motorola_R-1801
Date: 2004-08-12 17:47:21 UTC
From: kb6opr1000
Topic: 62 Message: 62

I am looking for an r-1801 to program my MSF5000. anyone have any extras that they would like to sell?
Thanks.
Andy KB6OPR

63. Re: [Motorola_R-1801] looking for r-1801

Yahoo group: Motorola_R-1801
Date: 2004-08-12 22:04:23 UTC
From: STEVEN PITTGES
Topic: 62 Message: 63

HOWDY

LET ME KNOW WHEN YOU FIND AN AFFORDABLE ONE.

I HAVE A COUPLE OF MSF5000 CLB'S WHICH REQUIRE THE
ATTACHMENT FOR MY R1801'S.
THE NEWER VERSION'S USE SOFTWARE AND CABLE'S.

CHECK OUT PANIK IF YOU HAVE A GIANT WALLET.

--- kb6opr1000 <kb6opr@...> wrote:

> I am looking for an r-1801 to program my MSF5000.
> anyone have any
> extras that they would like to sell?
> Thanks.
> Andy KB6OPR
>
>

Do you Yahoo!?
Read only the mail you want - Yahoo! Mail SpamGuard.
http://promotions.yahoo.com/new_mail

64. RE: [Motorola_R-1801] looking for r-1801

Yahoo group: Motorola_R-1801
Date: 2004-08-12 22:49:26 UTC
From: Andy Brinkley
Topic: 62 Message: 64

In order to do the analog (CLB Series) MSF-5000 you will need:

#1 R-1801 with 4K memory expansion
#2 MSF-5000 Firmware Set RTL-4826
#3 Programming Manual for the MSF-5000 (~90 pages long)
#4 MSF-5000 Adapter Card RTL-5817
#5 UV eprom eraser

Based on John Panik's inventory Items # 1 and # 2 will set you back over $1,500 and you still need the adapter card and UV eraser.

You can find these items cheaper if you look long enough and hard enough but plan on shelling out some major $$$$.

We can program your MSF-5000 codeplugs along with most other older commercial two way gear, and I'm sure that there are others on the list who can also.

Andy (List Moderator)

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

66. Re: [Motorola_R-1801] Re: looking for r-1801

Yahoo group: Motorola_R-1801
Date: 2004-08-16 14:35:02 UTC
From: STEVEN PITTGES
Topic: 62 Message: 66

GOOD MORNING
HOPE ALL IS WELL BY YOU IN FLORIDA.
THE SETUP YOU ARE SELLING IS THAT FOR THE CLB SERIES
MSF5000 ?????
I HAVE NEWER SOFTWARE FOR NEWER RADIO'S BUT SURE COULD
USE THAT IF IT'S THAT VERSION .

STEVE

--- albert_ibew <albert_ibew@...> wrote:

> Here's what I have for sale:
>
> R1801A Digital programmer/analizer
> W/manual.
> 4K RAM installed.
> MSF5000 RTL-4826 application installed.
> MSF5000 programming manual. (copy)
>
> I do NOT have an adapter board, (RTL-5817B),
> but you can build your own, like I did, from
> the schematic diagram found in the programming
> manual.
> It has been checked out and is working properly.
> A very clean unit. (Pictures upon request.)
> I must get $695.00, plus actual shipping, insured,
> for the above setup.
> ($1420.00 minimum elsewhere.) (Florida?)
>
> I will ship USPS or UPS Ground.
>
> Marion
>
>
>
> --- In Motorola_R-1801@yahoogroups.com, "kb6opr1000"
> <kb6opr@g...>
> wrote:
> > I am looking for an r-1801 to program my MSF5000.
> anyone have any
> > extras that they would like to sell?
> > Thanks.
> > Andy KB6OPR
>
>

Do you Yahoo!?
Yahoo! Mail is new and improved - Check it out!
http://promotions.yahoo.com/new_mail

68. Re: [Motorola_R-1801] Re: looking for r-1801

Yahoo group: Motorola_R-1801
Date: 2004-08-18 16:34:34 UTC
From: STEVEN PITTGES
Topic: 62 Message: 68

GOOD MORNING

WOULD YOU DO ME A FAVOR AND EMAIL OR SEND ME A COPY OF
THE ADAPTER FIXTURE.
I BUILT ONE FOR SYNTORS A WHILE BACK THE SAME WAY.
I HAVE 2 R 1801'S BUT DO NOT HAVE THE 4K AND THAT
PLUG IN CHIP.
I HAVE BEEN LOOKING FOR A COMPATABLE CHIP SO AS TO
CLONE THE CHIPS IN THEM.
I AM SORT OF A MOT. NUT STILL PLAYING AROUND WITH THE
OLDER STUFF.
IF YOU WANT TO EMAIL DIRECT SEND INFO TO
kssurplus@...

THANKS
STEVE

--- Marion Blanton <albert_ibew@...> wrote:

> Hello Steven,
> Well, according to the accounts I have received from
> my friends in Florida, they are all well. My ex wife
> and her mother reside in St. Petersburg and so I
> haven't checked there!
> (Afraid that they are OK, I guess! HA!)
> Fortunately, I live in North Texas. "Tornado alley".
>
> Yessir, this setup will program the CLB MSFs. The
> VHF,
> UHF, 800-900 MHz MSF5000s.
> Everything is there to do so EXCEPT the Adapter
> board.
> You can build that yourself as I have done.
> (Perfboard, six resistors, six capacitors, a 24 pin
> ZIF socket and a 60 contact card-edge connector.)
>
> Check this site for information on the R-1801:
>
> http://www.oceanviewcom.com/r1801_info.htm
>
> What part of the world do you live in?
>
> Thanks for your interest.
> 73s
> Marion
> KC5DPC

>
>
>
> --- STEVEN PITTGES <sposeph@...> wrote:
>
> >
> > GOOD MORNING
> > HOPE ALL IS WELL BY YOU IN FLORIDA.
> > THE SETUP YOU ARE SELLING IS THAT FOR THE CLB
> SERIES
> > MSF5000 ?????
> > I HAVE NEWER SOFTWARE FOR NEWER RADIO'S BUT SURE
> > COULD
> > USE THAT IF IT'S THAT VERSION .
> >
> > STEVE
> >
> > --- albert_ibew <albert_ibew@...> wrote:
> >
> > > Here's what I have for sale:
> > >
> > > R1801A Digital programmer/analizer
> > > W/manual.
> > > 4K RAM installed.
> > > MSF5000 RTL-4826 application installed.
> > > MSF5000 programming manual. (copy)
> > >
> > > I do NOT have an adapter board, (RTL-5817B),
> > > but you can build your own, like I did, from
> > > the schematic diagram found in the programming
> > > manual.
> > > It has been checked out and is working properly.
> > > A very clean unit. (Pictures upon request.)
> > > I must get $695.00, plus actual shipping,
> insured,
> >
> > > for the above setup.
> > > ($1420.00 minimum elsewhere.) (Florida?)
> > >
> > > I will ship USPS or UPS Ground.
> > >
> > > Marion
> > >
> > >
> > >
> > > --- In Motorola_R-1801@yahoogroups.com,
> > "kb6opr1000"
> > > <kb6opr@g...>
> > > wrote:
> > > > I am looking for an r-1801 to program my

> > MSF5000.
> > > anyone have any
> > > > extras that they would like to sell?
> > > > Thanks.
> > > > Andy KB6OPR
> > >
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> > Do you Yahoo!?
> > Yahoo! Mail is new and improved - Check it out!
> > http://promotions.yahoo.com/new_mail
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> Do you Yahoo!?
> Yahoo! Mail Address AutoComplete - You start. We
> finish.
> http://promotions.yahoo.com/new_mail
>

_____
Do you Yahoo!?
New and Improved Yahoo! Mail - Send 10MB messages!
http://promotions.yahoo.com/new_mail

71. RE: Motorola R-1801

Yahoo group: Motorola_R-1801
Date: 2004-12-06 01:07:14 UTC
From: Butch Kanvick
Topic: 71 Message: 71

Hi, Everyone.

I am looking for programming manuals, and programming modules for the
R-1801A programmer.
If any one has any for sale please let me know
I hope everyone has a wonderful week.
Thanks, Butch

72. LATEST PDA/MOBILE PHONES STOCKS

Yahoo group: Motorola_R-1801
Date: 2005-04-30 13:01:51 UTC
From: gsm_bargain1000
Topic: 72 Message: 72

LATEST PDA/MOBILE PHONES STOCKS

We are certified wholesalers of various Mobile Phones at very good prices.

Attached please kindly find the latest full Price-List our New Tri-Band GSM Phones for your reference.

Please dont hesitate to inform us if you are interested in our products. Any of your suggestions and specific enquiries will receive our prompt attention.

Brand New Tri - band GSM Phones
Nokia 1100.....25 USD
Nokia 2300.....20 USD
Nokia 2650.....30 USD
Nokia 3100.....30 USD
Nokia 3108.....30 USD
Nokia 3120.....30 USD
Nokia 3200.....40 USD
Nokia 3220.....60 USD
Nokia 3300.....60 USD
Nokia 3660.....70 USD
Nokia 5100.....60 USD
Nokia 5140.....70 USD
Nokia 6100.....50 USD
Nokia 6108.....60 USD
Nokia 6220.....70 USD
Nokia 6230.....90 USD
Nokia 6260.....120 USD
Nokia 6600.....100 USD
Nokia 6630.....90 USD
Nokia 6610.....70 USD
Nokia 6610i.....90 USD
Nokia 6650.....120 USD
Nokia 6670 Smartphone...160 USD
Nokia 6820.....70 USD
Nokia 7200.....80 USD
Nokia 7210.....60 USD
Nokia 3230.....240 USD
Nokia 7610.....120 USD
Nokia 9300.....320 USD
Nokia 7250.....70 USD
Nokia 7250i.....75 USD
Nokia 7260.....160 USD

Nokia 7600.....90 USD
Nokia 7610.....120 USD
Nokia 8910i.....140 USD
Nokia 8910i.....140 USD
Nokia 9210i Communicator..360 USD
Nokia 9500 Communicator..460 USD
Nokia 9300 Communicator..400 USD
Nokia N-Gage....180 USD
Nokia N-gage QD.200 USD

Panasonic A100...50 USD
Panasonic G50...80 USD
Panasonic G51M..80 USD
Panasonic G70...100 USD
Panasonic GD55..60 USD
Panasonic GD88..170 USD
Panasonic X11...180 USD
Panasonic X300..170 USD
Panasonic X500..170 USD
Panasonic X66...110 USD
Panasonic x70...140 USD
Panasonic X77...140 USD
Panasonic X88...170 USD

Samsung E600...140 USD
Samsung E800...180 USD
Samsung P510...120 USD
Samsung SGH-D410.170 USD
Samsung SGH-E700..150 USD
Samsung SGH-E715..170 USD
Samsung SGH-P100..130 USD
Samsung SGH-P400..95 USD
Samsung SGH-P408..240 USD
Samsung SGH-P730..150 USD
Samsung SGH-S200..90 USD
Samsung SGH-S300..70 USD
Samsung SGH-S300M..100 USD
Samsung SGH-S500...100 USD
Samsung SGH-V200...110 USD
Samsung SGH-X400...100 USD
Samsung SGH-X430...100 USD
Samsung SGH-X600...100 USD
Samsung X450.....100 USD

Siemens A60.....80 USD
Siemens C62.....60 USD
Siemens CF62....90 USD
Siemens CX65....110 USD
Siemens M55.....90 USD
Siemens MC60....90 USD
Siemens S65 w/ Bluetooth..200 USD

Siemens SL55....90 USD
Siemens ST-60...170 uSD
Siemens SX-1....50 USD
Siemens Xelibri 1..60 USD
Siemens Xelibri 2..60 USD
Siemens Xelibri 3..80 USD
Siemens Xelibri 4..60 USD
Siemens Xelibri 5..100 USD
Siemens Xelibri 6..140 USD
Siemens Xelibri 7..140 USD
Siemens Xelibri 8..200 USD
Siements M65.....200 USD

Sony Ericsson K500i.....130 USD
Sony Ericsson P800.....260 USD
Sony Ericsson P900.....400 USD
Sony Ericsson P910i.....500 USD
Sony Ericsson T230.....80 USD
Sony Ericsson T310.....80 USD
Sony Ericsson T610.....100 USD
Sony Ericsson Z1010.....340 USD
Sony Ericsson Z200.....90 USD
Sony Ericsson Z600.....130 USD
Sony Ericssson T630.....130 USD
Sony Ericsson S700i.....350 USD

Motorola A388C.....230 USD
Motorola A760.....250 USD
Motorola A768.....370 USD
Motorola A768i.....300 USD
Motorola A780.....600 USD
Motorola C550.....90 USD
Motorola C650.....100 USD
Motorola E365.....100 USD
Motorola E398.....120 USD
Motorola E680.....340 USD
Motorola RAZR V3....500 USD
Motorola V220.....170 USD
Motorola V303.....100 USD
Motorola V400.....150 USD
Motorola V500.....150 USD
Motorola V501.....200 USD
Motorola V525.....150 USD
Motorola V600 (OEM) w/ Bluetooth Headset..260 USD
Motorola V600 OEM...200 USD
Motorola V690.....170 USD
Motorola V750.....180 USD
Motorola V80.....200 USD
Motorola V80 with Bluetooth...260 USD
Motorola V872.....200 USD
Motorola V878....180 USD

Motorola V300....150 USD

PDA's
HP IPaq Pocket PC H4150 ========= $190
Asus MyPal A716 ================= $175
HP IPaq Pocket PC H4350 ========= $185
Toshiba Pocket PC E405 ========== $120
Sony Clie PEG-TH55 ============== $155
Toshiba Pocket PC E800 ========== $220
PalmOne Zire 72================= $120
PalmOne Tungsten E ============== $90
PalmOne Tungsten C ============== $140
PalmOne Zire 31 ================= $65

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Ikeja - Lagos .
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Tel - +2348034855515, +2348055308737
http://www.wideassociates.com

NOTE ALL CORRESPONDENT MUST BE THROUGH THIS EMAIL
EMAIL - OPTIMUMBARGAIN@...

73. LATEST PDA/MOBILE PHONES STOCKS

Yahoo group: Motorola_R-1801
Date: 2005-04-30 13:02:18 UTC
From: gsm_bargain1000
Topic: 72 Message: 73

LATEST PDA/MOBILE PHONES STOCKS

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Please dont hesitate to inform us if you are interested in our products. Any of your suggestions and specific enquiries will receive our prompt attention.

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Nokia 3660.....70 USD
Nokia 5100.....60 USD
Nokia 5140.....70 USD
Nokia 6100.....50 USD
Nokia 6108.....60 USD
Nokia 6220.....70 USD
Nokia 6230.....90 USD
Nokia 6260.....120 USD
Nokia 6600.....100 USD
Nokia 6630.....90 USD
Nokia 6610.....70 USD
Nokia 6610i.....90 USD
Nokia 6650.....120 USD
Nokia 6670 Smartphone...160 USD
Nokia 6820.....70 USD
Nokia 7200.....80 USD
Nokia 7210.....60 USD
Nokia 3230.....240 USD
Nokia 7610.....120 USD
Nokia 9300.....320 USD
Nokia 7250.....70 USD
Nokia 7250i.....75 USD
Nokia 7260.....160 USD

Nokia 7600.....90 USD
Nokia 7610.....120 USD
Nokia 8910i.....140 USD
Nokia 8910i.....140 USD
Nokia 9210i Communicator..360 USD
Nokia 9500 Communicator..460 USD
Nokia 9300 Communicator..400 USD
Nokia N-Gage....180 USD
Nokia N-gage QD.200 USD

Panasonic A100...50 USD
Panasonic G50...80 USD
Panasonic G51M..80 USD
Panasonic G70...100 USD
Panasonic GD55..60 USD
Panasonic GD88..170 USD
Panasonic X11...180 USD
Panasonic X300..170 USD
Panasonic X500..170 USD
Panasonic X66...110 USD
Panasonic x70...140 USD
Panasonic X77...140 USD
Panasonic X88...170 USD

Samsung E600...140 USD
Samsung E800...180 USD
Samsung P510...120 USD
Samsung SGH-D410.170 USD
Samsung SGH-E700..150 USD
Samsung SGH-E715..170 USD
Samsung SGH-P100..130 USD
Samsung SGH-P400..95 USD
Samsung SGH-P408..240 USD
Samsung SGH-P730..150 USD
Samsung SGH-S200..90 USD
Samsung SGH-S300..70 USD
Samsung SGH-S300M..100 USD
Samsung SGH-S500...100 USD
Samsung SGH-V200...110 USD
Samsung SGH-X400...100 USD
Samsung SGH-X430...100 USD
Samsung SGH-X600...100 USD
Samsung X450.....100 USD

Siemens A60.....80 USD
Siemens C62.....60 USD
Siemens CF62....90 USD
Siemens CX65....110 USD
Siemens M55.....90 USD
Siemens MC60....90 USD
Siemens S65 w/ Bluetooth..200 USD

Siemens SL55....90 USD
Siemens ST-60...170 uSD
Siemens SX-1....50 USD
Siemens Xelibri 1..60 USD
Siemens Xelibri 2..60 USD
Siemens Xelibri 3..80 USD
Siemens Xelibri 4..60 USD
Siemens Xelibri 5..100 USD
Siemens Xelibri 6..140 USD
Siemens Xelibri 7..140 USD
Siemens Xelibri 8..200 USD
Siements M65.....200 USD

Sony Ericsson K500i.....130 USD
Sony Ericsson P800.....260 USD
Sony Ericsson P900.....400 USD
Sony Ericsson P910i.....500 USD
Sony Ericsson T230.....80 USD
Sony Ericsson T310.....80 USD
Sony Ericsson T610.....100 USD
Sony Ericsson Z1010.....340 USD
Sony Ericsson Z200.....90 USD
Sony Ericsson Z600.....130 USD
Sony Ericssson T630.....130 USD
Sony Ericsson S700i.....350 USD

Motorola A388C.....230 USD
Motorola A760.....250 USD
Motorola A768.....370 USD
Motorola A768i.....300 USD
Motorola A780.....600 USD
Motorola C550.....90 USD
Motorola C650.....100 USD
Motorola E365.....100 USD
Motorola E398.....120 USD
Motorola E680.....340 USD
Motorola RAZR V3....500 USD
Motorola V220.....170 USD
Motorola V303.....100 USD
Motorola V400.....150 USD
Motorola V500.....150 USD
Motorola V501.....200 USD
Motorola V525.....150 USD
Motorola V600 (OEM) w/ Bluetooth Headset..260 USD
Motorola V600 OEM...200 USD
Motorola V690.....170 USD
Motorola V750.....180 USD
Motorola V80.....200 USD
Motorola V80 with Bluetooth...260 USD
Motorola V872.....200 USD
Motorola V878....180 USD

Motorola V300....150 USD

PDA's
HP IPaq Pocket PC H4150 ========= $190
Asus MyPal A716 ================= $175
HP IPaq Pocket PC H4350 ========= $185
Toshiba Pocket PC E405 ========== $120
Sony Clie PEG-TH55 ============== $155
Toshiba Pocket PC E800 ========== $220
PalmOne Zire 72================= $120
PalmOne Tungsten E ============== $90
PalmOne Tungsten C ============== $140
PalmOne Zire 31 ================= $65

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=====
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http://www.wideassociates.com

NOTE ALL CORRESPONDENT MUST BE THROUGH THIS EMAIL
EMAIL - OPTIMUMBARGAIN@...

74. R-1801 with no Firmware :-(

Yahoo group: Motorola_R-1801
Date: 2005-07-14 14:00:10 UTC
From: boohaca
Topic: 74 Message: 74

Well,

I came into an R-1801 but I have no firmware. I have the service manual though! I plan to scan it it and post it here for all to refer to.

I have a C74CLB MSF5000 and I want to program it but I have no MSF5000 software for my R-1801. I understand its 7 ROMS plus manual, adapter etc. Supposedly I've read the adapter can be made so really its just the firmware and prog. manual that is needed (assuming you have an R-1801).

Does anybody have the 7 ROM images for the software to allow folk to burn their own firmware PROMs?

Even PANIK doesn't have the firmware kit listed.

I tend to make backups of everything I come across. Anybody else like this?

75. R1801 Parts

Yahoo group: Motorola_R-1801
Date: 2005-08-10 02:49:36 UTC
From: BJ
Topic: 75 Message: 75

Hi All,

Have the following available:

RTL-5817B MSF-5000 EPROM adapter module. I have the .bin firmware
image files available with this unit as well as a copy of the manual.

$275.00 plus shipping

RPX-4207B Trunked MX test package which includes cable #011-80350A75
and extender board kit RPX-4238A. No firmware available.

$75.00 or best offer plus shipping

Paypal preferred or Postal MO.

Thanks,

Bill
microwavetechnology AT yahoo.com

76. R-1801A for Syntor, MX300-S, & MCX100

Yahoo group: Motorola_R-1801
Date: 2005-08-31 05:08:57 UTC
From: Charles Blythe
Topic: 76 Message: 76

Hello group,

I have a 4K R-1801A with RTL5818 and RTL5805 and software for Syntor (F & P), MCX100 (F & P) and MX300-S (MX300-S and P2). Does anyone know what this might be worth these days?

Charles Blythe
KD5TKR

77. RE: [Motorola_R-1801] R-1801A for Syntor, MX300-S, & MCX100

Yahoo group: Motorola_R-1801
Date: 2005-09-05 16:02:03 UTC
From: Butch Kanvick
Topic: 76 Message: 77

Hi, Charles.
Did you find a price for this item?
Are you planning to sell it?
Thanks, Butch

From: "Charles Blythe" <rapomnam@...>
Reply-To: Motorola_R-1801@yahoogroups.com
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] R-1801A for Syntor, MX300-S, & MCX100
Date: Wed, 31 Aug 2005 05:08:57 -0000

Hello group,

I have a 4K R-1801A with RTL5818 and RTL5805 and software for Syntor (F & P), MCX100 (F & P) and MX300-S (MX300-S and P2). Does anyone know what this might be worth these days?

Charles Blythe
KD5TKR

78. FS R1801A Item number: 5823522488

Yahoo group: Motorola_R-1801
Date: 2005-10-26 17:24:11 UTC
From: Charles Blythe
Topic: 78 Message: 78

Auction for my R1801A begins tonight (Oct 26) on ebay.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5823522488

Thanks for looking,
Charles Blythe

79. Hooking up with with women online is great!

Yahoo group: Motorola_R-1801
Date: 2006-01-07 11:46:47 UTC
From: kendra.mackey1782@wongmania.com
Topic: 79 Message: 79

Well I just got engaged! Can't believe it, just last year I was beginning to think I'd never meet someone. I'm already 25 and I thought it was all over. After some recommendations from a friend I joined up here: http://www.needadatecomehere.info/qvyv and after 2 weeks I was already meeting up with a beauty. Well, 12 months later and where still together and planning our marriage for later this year =)

81. Last Message

Yahoo group: Motorola_R-1801
Date: 2006-01-07 14:40:03 UTC
From: Andy Brinkley
Topic: 81 Message: 81

Sorry about that last message slipping through, the user has been banned from the R-1801 group.

Andy

NC Certified Firefighter III / Instructor II / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

82. MX-300S Ham Band Programming

Yahoo group: Motorola_R-1801
Date: 2006-02-18 11:09:18 UTC
From: Steve
Topic: 82 Message: 82

Hi All,

I was playing around with my R-1801A with some used and new eeproms and programming up a VHF MX300-s. I see that I can program ham freqs, 146-148 without complaint. Is the eeprom actually programmed correctly for the radio to work? I know I have to tune the radio properly.

Or maybe the better question to ask is, for the VHF and UHF MX300-s radios, is there any special tricks to programming ham freqs on the R-1801A? Or just go for it?

I do have the right adaptors, software, for the various style eeproms.

Thanks for any comments!

-Steve/WA6OXN

83. Re: [Motorola_R-1801] MX-300S Ham Band Programming

Yahoo group: Motorola_R-1801
Date: 2006-02-18 14:11:29 UTC
From: Jim Conrad
Topic: 82   Message: 83

At 06:09 AM 2/18/2006, you wrote:

>I was playing around with my R-1801A with some used and new eeproms
>and programming up a VHF MX300-s. I see that I can program ham freqs,
>146-148 without complaint. Is the eeprom actually programmed correctly
>for the radio to work? I know I have to tune the radio properly.

Steve,

Yep the R-1801 programs MX just fine down to 146.

>Or maybe the better question to ask is, for the VHF and UHF MX300-s
>radios, is there any special tricks to programming ham freqs on the
>R-1801A? Or just go for it?

No special tricks and as far as I have been able to determine their
is no way to trick the R-1801 to program outside the MX programmer
designed bands.

..Jim

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@... or jimc1790@... (backup)
757-560-5970 - Emergency Emails include [EMERG] in Subject Line
CAGE 0UD60 - http://www.oceanviewcom.com/

86. RE: [Motorola_R-1801] Programming VHF MSF5000

Yahoo group: Motorola_R-1801
Date: 2006-02-25 13:07:34 UTC
From: GARY HOOPER
Topic: 86 Message: 86

Marion, I do not believe the vhf models came out until the digital stations were released. I have no documentation to verify that, but the latest R1801 firmware does not list such a station. I'm at work, and do not have my R1801 manual in front of me, but I was thinking it listed the model numbers towards the back of the manual that the firmware recognizes.

I'm like you, I've never seen one (vhf), nor seen any manuals that even refer to a
vhf analog. I think you will need to find a replacement digital tray. I had to do
the same thing a while back on a vhf machine. I ended up buying a range 1 uhf digital machine off of Ebay for $400, and raiding the tray off of it. I waited
around for awhile trying to find just the SSCB board and/ or complete tray, but
what few that were available (Ebay), always sold for way more than what I paid for the above listed uhf digital station, including it's shipping cost.

If you ever change a digital tray for analog tray (such as in a uhf machine), you
will want to remember you will have conflicting 5 volt supplies that could cause
a problem. The analog station took regulated 5 volts from the SSCB tray and routed
a source through J801, pin 9 down to the interconnect board under the rf tray. On the
digital stations, the interconnect board produced it's own regulated 5 volts for the
Rx and power control circuits.

I think the digital SSCB boards are NLA at Mother M.

Good luck,

Gary KB7TRP

>From: "albert_ibew" <albert_ibew@...>
>Reply-To: Motorola_R-1801@yahoogroups.com
>To: Motorola_R-1801@yahoogroups.com
>Subject: [Motorola_R-1801] Programming VHF MSF5000
>Date: Fri, 24 Feb 2006 03:47:51 -0000
>MIME-Version: 1.0
>X-Originating-IP: 66.94.237.40
>X-Sender: albert_ibew@...
>Received: from n9a.bullet.dcn.yahoo.com ([216.155.203.232]) by

>bay0-mc12-f4.bay0.hotmail.com with Microsoft SMTPSVC(6.0.3790.211); Fri, 24
>Feb 2006 16:57:18 -0800
>Received: from [216.155.201.64] by n9.bullet.dcn.yahoo.com with NNFMP; 24
>Feb 2006 03:48:11 -0000
>Received: from [66.218.66.59] by t1.bullet.dcn.yahoo.com with NNFMP; 24 Feb
>2006 03:48:11 -0000
>Received: from [66.218.66.33] by t8.bullet.scd.yahoo.com with NNFMP; 24 Feb
>2006 03:48:11 -0000
>Received: (qmail 78295 invoked from network); 24 Feb 2006 03:48:10 -0000
>Received: from unknown (66.218.66.172) by m27.grp.scd.yahoo.com with QMQP;
>24 Feb 2006 03:48:10 -0000
>Received: from unknown (HELO n6a.bullet.scd.yahoo.com) (66.94.237.40) by
>mta4.grp.scd.yahoo.com with SMTP; 24 Feb 2006 03:48:10 -0000
>Received: from [66.218.66.58] by n6.bullet.scd.yahoo.com with NNFMP; 24 Feb
>2006 03:47:52 -0000
>Received: from [66.218.66.74] by t7.bullet.scd.yahoo.com with NNFMP; 24 Feb
>2006 03:47:52 -0000
>X-Message-Info: JGTYoYF78jGM+dEUN4i+j5XobuiYgtGzx73nDZzLNWc=
>Comment: DomainKeys? See http://antispam.yahoo.com/domainkeys
>DomainKey-Signature: a=rsa-sha1; q=dns; c=nofws; s=lima;
>d=yahoogroups.com;b=o9OtlZeJCuGMH6wmN5QS4Jg1V4EKpm9ed/bPN7OvdhPVFm/FQnA8VaVIqDUt0cqVDByPY
UuezSDDDsT8qBW/y8PfJ9aU5ncdAViFJTnAVwwZzAKBZK8iqvr+uTot6lj/;
>X-Yahoo-Newman-Property: groups-email
>X-Apparently-To: Motorola_R-1801@yahoogroups.com
>Comment: DomainKeys? See http://antispam.yahoo.com/domainkeys
>User-Agent: eGroups-EW/0.82
>X-Mailer: Yahoo Groups Message Poster
>X-eGroups-Msg-Info: 1:12:0:0
>X-Yahoo-Post-IP: 63.232.255.50
>X-Yahoo-Profile: albert_ibew
>Mailing-List: list Motorola_R-1801@yahoogroups.com; contact
>Motorola_R-1801-owner@yahoogroups.com
>Delivered-To: mailing list Motorola_R-1801@yahoogroups.com
>List-Id: <Motorola_R-1801.yahoogroups.com>
>Precedence: bulk
>List-Unsubscribe: <mailto:Motorola_R-1801-unsubscribe@yahoogroups.com>
>Return-Path:
>sentto-2924191-84-1140752891-kb7trp=msn.com@...
>X-OriginalArrivalTime: 25 Feb 2006 00:57:18.0548 (UTC)
>FILETIME=[6D2A4940:01C639A6]
>
>Help, Anyone,
>
>I have a VHF C73CXB7105AT that has a bad control board. It was my
>understanding that I should be able to change the control tray out
>with an analog control tray.
>BUT,,,When I try to burn a codeplug, I can't get the R-1801 to
>recognize the model number "C73CLB7105". The "3" flashes.
>
>I have never SEEN a "VHF ANALOG" MSF5000!

>Did Motorola even MAKE a VHF ANALOG MSF5000?
>
>If so,,can someone tell me what I am doing wrong?
>The message that the R-1801 gives is:
>"MODEL NOT RECOGNIZED".
>
>Thanks in advance.
>
>
>Marion.
>
>
>
>
>
>
>
>Yahoo! Groups Links
>
>
>
>
>
>
>

87. Re: [Motorola_R-1801] Digest Number 60

Yahoo group: Motorola_R-1801
Date: 2006-02-25 18:19:18 UTC
From: Had
Topic: 87 Message: 87

Marion and Gary,

I just went through my 1801 MSF-5000 manuals and they only reference
UHF and 800 CLB's

Had
K7MLR

At 08:54 AM 2/25/2006, you wrote:
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. RE: Programming VHF MSF5000
> From: "GARY HOOPER" <kb7trp@...>
>
>
>_____
>_____
>
>Message: 1
> Date: Sat, 25 Feb 2006 05:07:34 -0800
> From: "GARY HOOPER" <kb7trp@...>
>Subject: RE: Programming VHF MSF5000
>
>Marion, I do not believe the vhf models came out until the digital
>stations were released. I have no documentation to verify that, but
>the latest R1801 firmware does not list such a station. I'm at work,
>and do not have my R1801 manual in front of me, but I was thinking
>it listed the model numbers towards the back of the manual that the
>firmware recognizes.
>

A well regulated Militia, being necessary to the security of a free
State, the right of the people to keep and bear Arms, shall not be
infringed.

90. RE: [Motorola_R-1801] MSF5000 900mhz codeplug

Yahoo group: Motorola_R-1801
Date: 2006-05-30 12:13:31 UTC
From: Andy Brinkley
Topic: 90 Message: 90

Marion -

What version of the MSF firmware are you running in your R-1801?

Also make sure you are entering the correct model # for the station when prompted.

Andy

From: Motorola_R-1801@yahoogroups.com
[mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of albert_ibew
Sent: Tuesday, May 30, 2006 7:40 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] MSF5000 900mhz codeplug

I am trying to read a codeplug out of a C85CLB repeater. The station is working on 936.6750 mhz (TX)now. When I read the codeplug with the suitcase programmer it tells me that the RX frequency is 2650225.0 khz and the TX frequency is 2810025.0 khz.
When I burn a new codeplug it will not work.
Can someone offer me some insight as to what is going on?
Thanks!
Marion
KC5DPC

SPONSORED LINKS
Craft
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=YqiuyVwjnQFdynnsmMwVWg> hobby
Hobby
<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=VduRJqNqUo9QkUiTI-knAA>
and craft supply Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobby+and+craft+supply&w3=Ham+radio&c=3&s=60&.sig=sl_TRqZTiP_WHSLe6P3ybA> radio

---

YAHOO! GROUPS LINKS

* Visit your group "Motorola_R-1801
<http://groups.yahoo.com/group/Motorola_R-1801> " on the web.

* To unsubscribe from this group, send an email to:
Motorola_R-1801-unsubscribe@yahoogroups.com
<mailto:Motorola_R-1801-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

---

94. What can it do??

Yahoo group: Motorola_R-1801
Date: 2006-10-19 10:50:52 UTC
From: gardner harris
Topic: 94 Message: 94

I purchased an 1901 with what were described as Syntor X cables.
Other than that I have no idea what the machine will do without
having to purchase or borrow additional ancillary equipment.
Can someone assist me?

Thanks - Gar Harris, W6AXM

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

95. Re: R 1800 Analizer/Programmer

Yahoo group: Motorola_R-1801
Date: 2007-03-06 03:16:17 UTC
From: kk2ed
Topic: 54 Message: 95

I'm having the same issue with an R1801 here. I'm trying to program a few CLB stations, and the unit gives a checksum failure when attempting to view the contents of an existing eprom, and gives the write fail after the standby counter expires.

I have I/O1 and I/O2 connected with short blue ribbon cable jumpers, and the acc power db9 connected.

Am I missing anything else? Has anyone else found the problems mentioned below, and come up with a solution?

It looks like my unit passes the IO tests, and recognizes whether the 5817 adapter is present or not when starting the read or program process, and pulses the +5v at the eeprom zif socket.

Any suggestions?

Thanks
Eric
KE2D

--- In Motorola_R-1801@yahoogroups.com, "n8obu" <n8obu@...> wrote:
>
> --- In Motorola_R-1801@yahoogroups.com, "albert_ibew"
> <albert_ibew@y...> wrote:
> > I have an R1800 that has been upgraded to 4K memory and the RTL-
> > 4826, MSF5000 application eproms. (7)
> > It will not read/write to/from the 2732A eproms.
> > When reading a known good codeplug it says that the "checksum is
> > bad".
> > When trying to program a good, erased, 2732A eprom, it fails to
> > program. "Program Failed".
> > Also, the last character on the right hand end of the fluorescent
> > display has all segments displayed all of the time that power is
> on.
> > Is there anyone out there that repairs these programmers?
> > My finances will not afford the big M, even if they still repair
> > them. (Which I doubt.)
> > The application eproms and the adapter module have been checked
in
> > another R1801 and are confirmed as good.
> > Any help would be very much appreciated.
> >
> > Marion
> > KC5DPC
>

> i am having the same issues with mine i hope someone will help us m
>

97. CLB ADAPTER

Yahoo group: Motorola_R-1801
Date: 2007-03-07 18:52:05 UTC
From: kssurplus
Topic: 97 Message: 97

HELLO

Where do you buy one ? even used. Are they still avaiable at big M ?

I might even buy a broken OR bad one.

Also looking for a spare mx adapter.

Steve

kssurplus@...

98. Re: CLB ADAPTER

Yahoo group: Motorola_R-1801
Date: 2007-03-07 20:21:01 UTC
From: djp1262003
Topic: 97 Message: 98

--- In Motorola_R-1801@yahoogroups.com, "kssurplus" <kssurplus@...> wrote:
>
> HELLO
>
> Where do you buy one ? even used. Are they still avaiable at big M ?
>
> I might even buy a broken OR bad one.
>
> Also looking for a spare mx adapter.
>
> Steve
>
> kssurplus@...
>
Motorola no longer supports the R1800 series. Best places to find firmware and adapters would be hamfests or ebay. The reader/programmer board is where 95% of the failures are found. U5, U6 & U7 are in the data line circuits and are the most common failure points. Also the darlington transistors that are tied to the outputs of these devices could be shorted. Since the circuits are the same for the three ICs, they can easily be checked with an ohmmeter to ground by comparing pin for pin. For example, Pin 5 of U5 should have a resistance value close to that of pin 5 U6 and pin 5 of U7.

99. R-1801A assistance

Yahoo group: Motorola_R-1801
Date: 2007-03-07 20:29:39 UTC
From: djp1262003
Topic: 99 Message: 99

Hello everyone,

My name is Dave and I worked for Motorola for 32+ years. 25 of those years was in the Test Equipment Service Depot and I have many years of experience servicing the R1801. If you would like help, you can e-mail me at csvc20@... and I will assist you the best I can.
Unfortunately, I do not have a service manual so I will be working from memory (hopefully it hasn't failed) :) Also remember to post your questions here so all may share and learn.

Dave

100. R1800 Programming Manual Question

Yahoo group: Motorola_R-1801
Date: 2007-07-19 11:23:59 UTC
From: Bob M.
Topic: 100 Message: 100

I have a poor copy of the R-1800 programming manual, RTL-4826C. There's a table in section 9 that shows the special keyboard characters:

KEY MENU ENTRY MODE DATA ENTRY MODE
--- --- ---
RETURN (CR) Menu Item Selected Data Entered
ESCAPE (ESC) See Note 1 See Note 1
BREAK See Note 2 See Note 2
LINE FEED (LF) Next higher menu item Cursor moved to the right
BACK SPACE (BS) Next lower menu item Cursor moved to the left
SHIFT ?? Not allowed Same as LINE FEED
SHIFT ?? Not allowed Same as BACK SPACE
CTRL-D Not allowed Deletes a character at cursor position...
CTRL-I Not allowed Inserts a zero or a space at cursor position
CTRL-X Not allowed Blanks out or zeroes out a string
SPACE BAR Same as LINE FEED See Note 3
RESET See Note 4 See Note 4

I would like to know what character is supposed to be present in the "SHIFT ??" position that are the same as LINE FEED and BACK SPACE (6th and 7th lines above). My manual only has spaces after the word "SHIFT". Can anyone shed some light on this?

Thanks.

Bob M.

Choose the right car based on your needs. Check out Yahoo! Autos new Car Finder tool.
http://autos.yahoo.com/carfinder/

102. MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-12 22:43:01 UTC
From: kssurplus
Topic: 102 Message: 102

Hello guys

At least over here I am amongst fellow idiots like me.

I am looking for a spare adapter for the eeprom programming to plug into my extra r1801 .
I may have something to trade if you have one or purchase outright.
Or even maybe you know somebody hoarding one.

I up to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming either and could use one although I have the 7 chips already.

Thanks
Steve

103. Re: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-13 06:03:17 UTC
From: T.J.
Topic: 102 Message: 103

I have an adapter for the MX series radios, and need one for the CLB MSF's myself, also for the SyntorX radios. Would be willing to trade if you have one of those.

T.J.

--- On Thu, 3/12/09, kssurplus <kssurplus@...> wrote:
From: kssurplus <kssurplus@...>
Subject: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, March 12, 2009, 6:43 PM

Hello guys

At least over here I am amongst fellow idiots like me.

I am looking for a spare adapter for the eeprom programming to plug into my
extra r1801 .
I may have something to trade if you have one or purchase outright.
Or even maybe you know somebody hoarding one.

I up to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming
either and could use one although I have the 7 chips already.

Thanks
Steve

104. Re: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-13 21:28:57 UTC
From: STEVEN PITTGES
Topic: 102 Message: 104

HOWDY

Sounds good but let me go hunt up the syntor adapter and see if it's the correct one.

I don't use suitcase on them and can spare if I can find it.

Good to see this group is not totally dead yet.

Iwill let you know soon.

Thanks

Steve WA9SSO

--- On Thu, 3/12/09, T.J. <kc8lts@...> wrote:

From: T.J. <kc8lts@...>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, March 12, 2009, 11:03 PM

I have an adapter for the MX series radios, and need one for the CLB MSF's myself, also for the SyntorX radios. Would be willing to trade if you have one of those.

T.J.

--- On Thu, 3/12/09, kssurplus <kssurplus@...> wrote:

From: kssurplus <kssurplus@...>
Subject: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, March 12, 2009, 6:43 PM

Hello guys

At least over here I am amongst fellow idiots like me.

I am looking for a spare adapter for the eeprom programming to plug into my
extra r1801 .
I may have something to trade if you have one or purchase outright.
Or even maybe you know somebody hoarding one.

I up
to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming
either and could use one although I have the 7 chips already.

Thanks
Steve

105. Re: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-13 22:12:58 UTC
From: STEVEN PITTGES
Topic: 102 Message: 105

I forgot to ask what number is your mx adapter .

I would prefer rtl-5070 as it does all versions of eeproms.

I found the rtl-5815 syntor x adapter for eeproms.

So now lets see what you have.

Steve

--- On Thu, 3/12/09, T.J. <kc8lts@...> wrote:

From: T.J. <kc8lts@yahoo.com>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, March 12, 2009, 11:03 PM

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To: Motorola_R-1801@yahoogroups.com
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Or even maybe you know somebody hoarding one.

I up
to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming
either and could use one although I have the 7 chips already.

Thanks
Steve

106. RE: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-13 23:05:34 UTC
From: Andy Brinkley
Topic: 102 Message: 106

The RTL-5070 or RTL-5805 will read any version memory module (A,B,C or D).

The RTL-5805 will reprogram the A or B modules with the one time
programmable prom based memory.

The RTL-5070 will reprogram the C or D (reprogrammable eeprom) modules.

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com/> www.brinkleyelectronics.com

107. Re: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-17 15:17:32 UTC
From: T.J.
Topic: 102 Message: 107

The adapter I have is the RTL-5805. Would you need/be able to use this one for the A and B modules? I also have some blank memory modules RLN1005A for the MX series radios too. Let me know if you are still interested. I am still in need of the SyntorX module.

T.J.

--- On Fri, 3/13/09, STEVEN PITTGES <kssurplus@...> wrote:
From: STEVEN PITTGES <kssurplus@...>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Friday, March 13, 2009, 6:12 PM

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I found the rtl-5815 syntor x adapter for eeproms.

So now lets see what you have.

Steve

--- On Thu, 3/12/09, T.J. <kc8lts@...> wrote:

From: T.J. <kc8lts@...>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, March 12, 2009, 11:03 PM

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T.J.

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Subject: [Motorola_R-1801] MX-300S Programming Adapter
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Or even maybe you know somebody hoarding one.

I up
to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming
either and could use one although I have the 7 chips already.

Thanks
Steve

108. Re: [Motorola_R-1801] MX-300S Programming Adapter

Yahoo group: Motorola_R-1801
Date: 2009-03-19 19:53:49 UTC
From: STEVEN PITTGES
Topic: 102 Message: 108

HEY TJ

Is that memory the prom type or eeprom ?.

How much do you have ?

I guess that rtl-5805 will work for adding to existing modules.

Sorry I got a little busy in answering you.

Steve.

--- On Tue, 3/17/09, T.J. <kc8lts@...> wrote:

From: T.J. <kc8lts@yahoo.com>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Tuesday, March 17, 2009, 8:17 AM

The adapter I have is the RTL-5805. Would you need/be able to use this one for the A and B modules? I also have some blank memory modules RLN1005A for the MX series radios too. Let me know if you are still interested.. I am still in need of the SyntorX module.

T.J.

--- On Fri, 3/13/09, STEVEN PITTGES <kssurplus@...> wrote:

From: STEVEN PITTGES <kssurplus@...>
Subject: Re: [Motorola_R-1801] MX-300S Programming Adapter
To: Motorola_R-1801@yahoogroups.com
Date: Friday, March 13, 2009, 6:12 PM

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I would prefer rtl-5070 as it does all versions of eeproms.

I found the rtl-5815 syntor x adapter for eeproms.

So now lets see what you have.

Steve

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Or even maybe you know somebody hoarding one.

I up
to my eyeballs in mx's so need to get busy programming.

Come to think of it I don't think I have the adapter for CLB programming
either and could use one although I have the 7 chips already.

Thanks
Steve

109. Firmware definitions

Yahoo group: Motorola_R-1801
Date: 2009-09-06 18:08:23 UTC
From: Geoff Fors
Topic: 109 Message: 109

I just joined the group after acquiring an R-1801. I don't have the manual yet so I don't know whether they are defined in it, but some of the abbreviations for the firmware which come up when I do a "List" command seem a bit cryptic.

Can anyone tell me what the following firmware set labels mean?

SYNTAUX (Syntor, I know, but "AUX" ?)
CPP2
SYNTOR F (Syntor, I know, but the "F"?)

I am thinking it would be great if the files section of this group had a definition chart. I can make one and upload it as a pdf or Word file when and if I get enough definitions to make a chart.

Geoff
WB6NVH

110. Re: [Motorola_R-1801] Firmware definitions

Yahoo group: Motorola_R-1801
Date: 2009-09-08 02:24:27 UTC
From: Jim Conrad
Topic: 109 Message: 110

Geoff,

From my website;

http://www.oceanviewcom.com/r1801_info.htm

..Jim N4WFP

At 02:08 PM 9/6/2009, Geoff Fors wrote:

>I just joined the group after acquiring an R-1801. I don't have the
>manual yet so I don't know whether they are defined in it, but some
>of the abbreviations for the firmware which come up when I do a
>"List" command seem a bit cryptic.
>
>Can anyone tell me what the following firmware set labels mean?
>
>SYNTAUX (Syntor, I know, but "AUX" ?)
>CPP2
>SYNTOR F (Syntor, I know, but the "F"?)
>
>I am thinking it would be great if the files section of this group
>had a definition chart. I can make one and upload it as a pdf or
>Word file when and if I get enough definitions to make a chart.
>
>Geoff
>WB6NVH

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@... or jimc1790@... (backup)
757-560-5970 - Emergency Emails include [EMERG] in Subject Line
CAGE 0UD60 - http://www.oceanviewcom.com/

111. Re: [Motorola_R-1801] Firmware definitions

Yahoo group: Motorola_R-1801
Date: 2009-09-08 03:47:11 UTC
From: Geoff Fors
Topic: 109 Message: 111

Hi Jim-

I did find your website with the chart, which is a great resource.

If there is an abbreviation definition chart on it I didn't see one. Still not sure what the CPP2, SYNTAUX and SYNTORF go with!

Geoff
WB6NVH

--- On Mon, 9/7/09, Jim Conrad <jjc@...> wrote:

From: Jim Conrad <jjc@...>
Subject: Re: [Motorola_R-1801] Firmware definitions
To: Motorola_R-1801@yahoogroups.com
Cc: "Geoff Fors" <wb6nvh@yahoo.com>
Date: Monday, September 7, 2009, 7:24 PM

Geoff,

From my website;

http://www.oceanvie wcom.com/ r1801_info. htm

..Jim N4WFP

At 02:08 PM 9/6/2009, Geoff Fors wrote:

>I just joined the group after acquiring an R-1801. I don't have the
>manual yet so I don't know whether they are defined in it, but some
>of the abbreviations for the firmware which come up when I do a
>"List" command seem a bit cryptic.
>
>Can anyone tell me what the following firmware set labels mean?
>
>SYNTAUX (Syntor, I know, but "AUX" ?)
>CPP2
>SYNTOR F (Syntor, I know, but the "F"?)
>
>I am thinking it would be great if the files section of this group
>had a definition chart. I can make one and upload it as a pdf or
>Word file when and if I get enough definitions to make a chart.
>
>Geoff
>WB6NVH

<:><:><:><:> <:><:><:> <:><:><:> <:><:><:> <:><:><:> <:><:><:> <:><:><:> <:>
Jim Conrad - jjc@oceanviewcom. com or jimc1790@aol. com (backup)

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CAGE 0UD60 - http://www.oceanvie wcom.com/

112. Re: [Motorola_R-1801] Firmware definitions

Yahoo group: Motorola_R-1801
Date: 2009-09-09 16:20:47 UTC
From: Geoff Fors
Topic: 109 Message: 112

For posterity, I have learned that the abbreviations for the firmware I asked about are as follows:

SYNTORF - Syntor radio frequency prom program

CPP2 - Code Plug Program #2 (for pagers, don't know which ones)

SYNTAUX- Second half of the program for Syntor X (Syntor X Auxiliary)

This, thanks to Dave Perso, whose reply seems to have been off-list, and I wanted this info to be in the archives here so it doesn't need to be asked again.

Geoff
WB6NVH

113. Intro.

Yahoo group: Motorola_R-1801
Date: 2010-01-08 03:01:45 UTC
From: Raye N8NAP
Topic: 113 Message: 113

Hi I'm Raye and a Motorola retiree after 25 years of 2 way service.
(I actually was one of the last to get a yellow retiree badge!
If you've got any questions on Motorola mobile and base stations, Up to Quantar/ Quantro and MCS2000, please email me.
Things I'm looking for:

Programming pack/ application software list for the Motorola Epson HX-20 I have one with a spare unmodified Epson.
Latest version of R-1801 application packs (like what was in the 80's "Test equipment salesbook) (I have the Oceanview pdf) I think there were Intract module resting capabilities, don't care about the "CelNam" stuff. I have some cellular cables if anyone has a use.

Anyone see a product line listing of blank code plugs and what the generic numbers are?

The Ham version SP firmware for MSF 5000 ANALOG stations. I do have UHF station codeplugs with a long call sign in them, like AA8AAA/R however the ID interval is 15 minutes and not the "legal" 10 minutes.

Someone also had workarounds for replacing the obsolete diode matrix code plugs, one was to jump in the unused next bank of diodes.

Also looking for any modifications for the R1801 plugins, namely conversions of A suffix to B's and whether they got new addresses.

As for the earlier post on an 1801 having a checksum error when reading a MSF, Does the 1801 have 4k of ram? If so, try 6 "new" 2114's
I've had some of the plastic packages go bad and even supposedly new ones had errors in them. on mine, there are Motorola 2114-45's, I was able to find some 2114-25's
Last but not least, what was the 3rd card slot in an 1801 used for?

114. looking for manual part numbers.

Yahoo group: Motorola_R-1801
Date: 2010-01-11 18:35:29 UTC
From: Raye N8NAP
Topic: 114 Message: 114

Does anyone have a list of the Motorola 68- part numbers for the R1801 application packs?
I have the MSF 5000 one.
Looking for:
MCX100
SyntorX version that does LOW BAND. (is it "D" version?)

Modification diagram to make the Syntor x adapter do both white label and orange label memory modules and or loose eeproms in a ZIF socket.

115. New file uploaded to Motorola_R-1801

Yahoo group: Motorola_R-1801
Date: 2010-01-14 23:53:30 UTC
From: Motorola_R-1801@yahoogroups.com
Topic: 32 Message: 115

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the Motorola_R-1801
group.

File : /MCX100/MCX100.pdf
Uploaded by : nc4ab <nc4ab@...>
Description : MCX100 Programming Manual

You can access this file at the URL:
http://groups.yahoo.com/group/Motorola_R-1801/files/MCX100/MCX100.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

nc4ab <nc4ab@...>
```

116. RE: looking for manual part numbers.

Yahoo group: Motorola_R-1801
Date: 2010-01-15 00:28:58 UTC
From: Andy Brinkley
Topic: 114 Message: 116

Ray -

Welcome to the group.

Part numbers for the MCX-100 manual is 68-80309B61. According to MOL it is NLA, so I have loaded a copy into the files section for your reference. I had to make separate files to get both the front and back of the manual.

I will dig out the Syntor X info and load it tomorrow.

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

117. New file uploaded to Motorola_R-1801

Yahoo group: Motorola_R-1801
Date: 2010-01-15 18:09:47 UTC
From: Geoff Fors
Topic: 117 Message: 117

Andy, thanks for uploading that instruction folder to the storage space.

Is it my imagination or are Pages 3, 5 and 7 missing?

Geoff
WB6NVH

118. Re: looking for manual part numbers.

Yahoo group: Motorola_R-1801
Date: 2010-01-15 19:17:30 UTC
From: Raye N8NAP
Topic: 114 Message: 118

Thank you very much
I have some of the obsolete pager adapters and looking to convert one for the mcx 100 freq prom

I'm also looking for the R1801 root menue key combination that scrolls thru all installed firmware. These are showing up surplus and if there's something simple the sellers can do to display what's in them, it makes for a moreprofitable transaction on both ends.

119. Epson HX-20 Data I/O 29 B

Yahoo group: Motorola_R-1801
Date: 2010-01-15 19:30:17 UTC
From: Raye N8NAP
Topic: 119 Message: 119

I have an Epson with some duplicate R1801 applications. It does a lot of the conventional Mostar radios as well as has a rom pack to do Syntor x radios. I have all the manuals and some of the microcasettes.
Would like to back up the casettes on something less physical!

Printer ribbons and paper are still available as they're used in mini cash registers and credit card machines.

I have several Data I?O 29 b's with Unipaks however some if not all have the non-Motorola supported firmware in them.

120. MCX100

Yahoo group: Motorola_R-1801
Date: 2010-01-15 21:12:59 UTC
From: g1jwg
Topic: 120 Message: 120

Andy

I hope you don't mind. I've taken the liberty of putting the two files you've uploaded for the MCX100 into one file with the pages in order.

It's in the general files section. You should be able to move it to the MCX100 folder. It won't let me do it.

Regards
Dave g1jwg

121. MX300s questions

Yahoo group: Motorola_R-1801
Date: 2010-01-15 21:37:48 UTC
From: kssurplus
Topic: 121 Message: 121

Hello all

2 questions 1) looking for the rtl-4070 or 5805C adapter for the MX300S for a friend . I have one so I am good.

2) Does anybody have information on the scan / Des boards such as a print or ?
Someone bought that stuff a short while ago on ebay because I fell asleep , You snooze and loose.

I have one of those Epson's around here somewhere and not sure if I want to keep.

Any info guy's

Steve
WA9SSO

122. RE: [Motorola_R-1801] MCX100

Yahoo group: Motorola_R-1801
Date: 2010-01-15 22:35:24 UTC
From: Andy Brinkley
Topic: 120 Message: 122

Dave -

Thanks for correcting the programming file, it has been loaded into the MCX100 folder.

Andy

123. Re: [Motorola_R-1801] Re: looking for manual part numbers.

Yahoo group: Motorola_R-1801
Date: 2010-01-15 23:46:38 UTC
From: Steve B.
Topic: 114 Message: 123

/ L

I believe this keyboard entry will list all the programs that are available on the R-1801.

From: Raye N8NAP <n8nap@...>
To: Motorola_R-1801@yahoogroups.com
Sent: Fri, January 15, 2010 11:17:30 AM
Subject: [Motorola_R-1801] Re: looking for manual part numbers.

Thank you very much
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I'm also looking for the R1801 root menue key combination that scrolls thru all installed firmware. These are showing up surplus and if there's something simple the sellers can do to display what's in them, it makes for a moreprofitable transaction on both ends.

124. Re: looking for manual part numbers.

Yahoo group: Motorola_R-1801
Date: 2010-01-16 18:10:57 UTC
From: Raye N8NAP
Topic: 114 Message: 124

that's it.. Shift the L then a L then enter!

--- In Motorola_R-1801@yahoogroups.com, "Steve B." <giantcake@...> wrote:
>
> / L
>
> I believe this keyboard entry will list all the programs that are available on the R-1801.
>
>
>
> _____
> From: Raye N8NAP <n8nap@...>
> To: Motorola_R-1801@yahoogroups.com
> Sent: Fri, January 15, 2010 11:17:30 AM
> Subject: [Motorola_R-1801] Re: looking for manual part numbers.
>
>
> Thank you very much
> I have some of the obsolete pager adapters and looking to convert one for the mcx 100 freq prom
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> I'm also looking for the R1801 root menue key combination that scrolls thru all installed firmware. These are showing up surplus and if there's something simple the sellers can do to display what's in them, it makes for a moreprofitable transaction on both ends.
>

125. Re: MX300s questions

Yahoo group: Motorola_R-1801
Date: 2010-01-16 19:56:26 UTC
From: Raye N8NAP
Topic: 121 Message: 125

A 5805 just sold for $55 on ebay however unknown what letter suffix it was.
my understanding was that the earlier radios used a diode/ fuse prom, later ones used an eeprom of some sort. I've also heard that you could jump the prom into an unprogrammed bank as they're no longer available. I've seen mention of building adapters to use current eproms however they won't use the 1801 for programming.
The only programming a DES or DVP board should need is from the proper flavor KVL (key variable loader) Unknown if they had multiple keys for the MX.

Kind of why I was looking for a matrix to rell what you need to do what.

I have 1801 mx300 fre and scan software but no 5805 adapter.

--- In Motorola_R-1801@yahoogroups.com, "kssurplus" <kssurplus@...> wrote:
>
> Hello all
>
> 2 questions 1) looking for the rtl-4070 or 5805C adapter for the MX300S for a friend . I have one so I am good.
>
> 2) Does anybody have information on the scan / Des boards such as a print or ?
> Someone bought that stuff a short while ago on ebay because I fell asleep , You snooze and loose.
>
> I have one of those Epson's around here somewhere and not sure if I want to keep.
>
> Any info guy's
>
> Steve
> WA9SSO
>

126. Re: [Motorola_R-1801] Re: MX300s questions

Yahoo group: Motorola_R-1801
Date: 2010-01-16 23:18:36 UTC
From: STEVEN PITTGES
Topic: 121 Message: 126

HELLO

I am aware of it and it was a B version not good for eeprom's but I have been told you can again buy the eeprom's from big M for only 67.00 boy what a bargain.

Some of the DES/DVP Boards have a scan circuit and am trying to find out who would be helpful in copying the manual sheets or something to trouble shoot the board ??

That is the only question I have.

Steve

--- On Sat, 1/16/10, Raye N8NAP <n8nap@...> wrote:

> From: Raye N8NAP <n8nap@...>
> Subject: [Motorola_R-1801] Re: MX300s questions
> To: Motorola_R-1801@yahoogroups.com
> Date: Saturday, January 16, 2010, 11:56 AM
> A 5805 just sold for $55 on
> ebay however unknown what letter suffix it was.
> my understanding was that the earlier radios used a diode/
> fuse prom, later ones used an eeprom of some sort. I've also
> heard that you could jump the prom into an unprogrammed bank
> as they're no longer available. I've seen mention of
> building adapters to use current eproms however they won't
> use the 1801 for programming.
> The only programming a DES or DVP board should need is from
> the proper flavor KVL (key variable loader) Unknown if they
> had multiple keys for the MX.
>
> Kind of why I was looking for a matrix to rell what you
> need to do what.
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> I have 1801 mx300 fre and scan software but no 5805
> adapter.
>
> --- In Motorola_R-1801@yahoogroups.com,
> "kssurplus" <kssurplus@...> wrote:
> >
> > Hello all
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> > 2 questions 1) looking for the rtl-4070 or 5805C
> adapter for the MX300S for a friend . I have one so I am
> good.
> >
> > 2) Does anybody have information on the scan / Des

> boards such as a print or ?
> > Someone bought that stuff a short while ago on ebay
> because I fell asleep , You snooze and loose.
> >
> > I have one of those Epson's around here somewhere and
> not sure if I want to keep.
> >
> > Any info guy's
> >
> > Steve
> > WA9SSO
> >
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
> Motorola_R-1801-fullfeatured@yahoogroups.com
>
>
>

127. Re: MX300s questions

Yahoo group: Motorola_R-1801
Date: 2010-01-21 04:23:09 UTC
From: Raye N8NAP
Topic: 121 Message: 127

Just checked the pile, sorry no mx300 manuals. Have lots of non synthesized channel elements, some pl/ dpl code plugs and a few 300s codeplugs that are diode proms, unsure what freq.

One thing occured to me: some of our govt customers had channels that were encrypted only. If the battery was pulled, those channels would not tx or rx unless new dvp/des code was programmed in. Some radios also had 2 codes. It's also very possible that if the radio has boards beginning with a "Y" like YLN1234 instead of TLN1234 that they are SP boards and you have slim to no chance of finding the diagrams for them. See if you can find the board numbers, post the numbers and description over at the programming group.
The Motorola Manual of manuals is what you need to find. I wish I'd of kept mine when I left... It would at least tell you how many different manuals you need to find for the radio you have. You'll also need to find one around 1988 or so in the heyday of the 300S

--- In Motorola_R-1801@yahoogroups.com, STEVEN PITTGES <kssurplus@...> wrote:
>
> HELLO
>
> I am aware of it and it was a B version not good for eeprom's but I have been told you can again buy the eeprom's from big M for only 67.00 boy what a bargain.
>
> Some of the DES/DVP Boards have a scan circuit and am trying to find out who would be helpful in copying the manual sheets or something to trouble shoot the board ??
>
> That is the only question I have.
>
> Steve
>
>
>
>
> --- On Sat, 1/16/10, Raye N8NAP <n8nap@...> wrote:
>
> > From: Raye N8NAP <n8nap@...>
> > Subject: [Motorola_R-1801] Re: MX300s questions
> > To: Motorola_R-1801@yahoogroups.com
> > Date: Saturday, January 16, 2010, 11:56 AM
> > A 5805 just sold for $55 on
> > ebay however unknown what letter suffix it was.
> > my understanding was that the earlier radios used a diode/
> > fuse prom, later ones used an eeprom of some sort. I've also
> > heard that you could jump the prom into an unprogrammed bank
> > as they're no longer available. I've seen mention of
> > building adapters to use current eproms however they won't
> > use the 1801 for programming.

> > The only programming a DES or DVP board should need is from
> > the proper flavor KVL (key variable loader) Unknown if they
> > had multiple keys for the MX.
> >
> > Kind of why I was looking for a matrix to rell what you
> > need to do what.
> >
> > I have 1801 mx300 fre and scan software but no 5805
> > adapter.
> >
> > --- In Motorola_R-1801@yahoogroups.com,
> > "kssurplus" <kssurplus@> wrote:
> > >
> > > Hello all
> > >
> > > 2 questions 1) looking for the rtl-4070 or 5805C
> > adapter for the MX300S for a friend . I have one so I am
> > good.
> > >
> > > 2) Does anybody have information on the scan / Des
> > boards such as a print or ?
> > > Someone bought that stuff a short while ago on ebay
> > because I fell asleep , You snooze and loose.
> > >
> > > I have one of those Epson's around here somewhere and
> > not sure if I want to keep.
> > >
> > > Any info guy's
> > >
> > > Steve
> > > WA9SSO
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >   Motorola_R-1801-fullfeatured@yahoogroups.com
> >
> >
> >
>

128. R1821A (R1801A) information

Yahoo group: Motorola_R-1801
Date: 2010-01-23 16:13:46 UTC
From: oldr1800
Topic: 128 Message: 128

i recently started working on a R1821A desktop suitcase programmer, heres some information about it.

upon power up says 2K ram on board revision A 1981

on the card that holds all the program eeproms, theres a separate eeprom (i suspect is firmware for the programmer) it says "A" 51-80364A01

on a separate card i see what appears to be the ram slots,chips MCM2114P45 U311 and U315 appear to be soldered to board, U310 and U314 have the same part number chips plugged into sockets, U308 U309 U312 U313 are sockets and nothing is installed there.

several questions to get started
what benefit is there to upgrading the firmware of the programmer from "A" to something higher?

one program says MCX100PD does PD indicate PL DPL?
one program says P2 any idea what that is?

is there a certain order the program chips are placed on the board or does the machine figure it out?

im looking for the following program eeproms and adapters ....
MX300S
i have the MX300s REV A AND B adapter, i would consider a C and D adapter but not a need ant the moment.
programs for MX300s data, DVP scan, TOT, select 5, well anything and everything for MX series i can find that looks interesting.
i dont have the program for either A/B or C/D and would be interested in both.

MT500
adapter and program for data series mainly for MODAT and MDC600 if a MDC MT500 exists.

MOSTAR series programs and adapters for conventional and trunking
(i know trunking is about useless on these units anymore, but im still interested in learning the program structure hands on)

SYNTORX programs and adapter.

129. RE: [Motorola_R-1801] R1821A (R1801A) information

Yahoo group: Motorola_R-1801
Date: 2010-01-23 21:52:39 UTC
From: Andy Brinkley
Topic: 128 Message: 129

The 51-80364A01 eprom is a "2532 FLASH EEPROM Firmware", don't have a clue what it does. There is a list of firmware eprom part numbers is in the files section.

MCX100PD is the PL/DPL firmware for the MCX-100 radios

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

130. Re: R1821A (R1801A) information

Yahoo group: Motorola_R-1801
Date: 2010-01-23 23:39:26 UTC
From: Raye N8NAP
Topic: 128 Message: 130

I would try to match up 2114's with the same speed.

As far as I know, firmware chip placement does not matter.

I too am looking for an adapter to do MCX100's
RTL-5825A

Raye

--- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@...> wrote:
>
> i recently started working on a R1821A desktop suitcase programmer, heres some information about it.
>
> upon power up says 2K ram on board revision A 1981
>
> on the card that holds all the program eeproms, theres a separate eeprom (i suspect is firmware for the programmer) it says "A" 51-80364A01
>
> on a separate card i see what appears to be the ram slots,chips MCM2114P45 U311 and U315 appear to be soldered to board, U310 and U314 have the same part number chips plugged into sockets, U308 U309 U312 U313 are sockets and nothing is installed there.
>
> several questions to get started
> what benefit is there to upgrading the firmware of the programmer from "A" to something higher?
>
> one program says MCX100PD does PD indicate PL DPL?
> one program says P2 any idea what that is?
>
> is there a certain order the program chips are placed on the board or does the machine figure it out?
>
> im looking for the following program eeproms and adapters ....
> MX300S
> i have the MX300s REV A AND B adapter, i would consider a C and D adapter but not a need ant the moment.
> programs for MX300s data, DVP scan, TOT, select 5, well anything and everything for MX series i can find that looks interesting.
> i dont have the program for either A/B or C/D and would be interested in both.
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> MT500
> adapter and program for data series mainly for MODAT and MDC600 if a MDC MT500 exists.
>
> MOSTAR series programs and adapters for conventional and trunking
> (i know trunking is about useless on these units anymore, but im still interested in

learning the program structure hands on)
>
> SYNTORX programs and adapter.
>

131. r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 00:07:50 UTC
From: oldr1800
Topic: 131 Message: 131

i see atlest one program eeprom chip in this is a MCM68764C and im wondering if a typical 2816a or other 2XXX is plug and play or if not what are other compatible eeproms that the r1801a can read a program from?

132. Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 03:44:07 UTC
From: mt500@bluefeathertech.com
Topic: 131 Message: 132

The 68764 was proprietary to Motorola (no one else I know of made them).
It had a unique pinout, quite different from the standard chips.

The closest cousin to the 68764 is the 2764 family of UV EPROMs. Different
pinout, but very similar in electrical characteristics. It should be
possible to use one in place of a 68764 if one constructs an appropriate
pinning adapter.

Happy tweaking.

********** REPLY SEPARATOR **********

On 25-Jan-10 at 00:07 oldr1800 wrote:

>i see atlest one program eeprom chip in this is a MCM68764C and im
>wondering if a typical 2816a or other 2XXX is plug and play or if not what
>are other compatible eeproms that the r1801a can read a program from?
>
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>Yahoo! Groups Links
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>_____ Information from ESET NOD32 Antivirus, version of virus
>signature database 4802 (20100124) _____
>
>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com

133. Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 04:27:51 UTC
From: John Bruson
Topic: 131 Message: 133

are you aware if a common (universal?) eeprom programmer will read and write them?
i noticed people are selling the chips on ebay.. but i dont see that number listed on the few programmers i looked at.

From: "mt500@..." <mt500@...>
To: Motorola_R-1801@yahoogroups.com
Sent: Sun, January 24, 2010 7:44:07 PM
Subject: Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or others...

The 68764 was proprietary to Motorola (no one else I know of made them).
It had a unique pinout, quite different from the standard chips.

The closest cousin to the 68764 is the 2764 family of UV EPROMs. Different pinout, but very similar in electrical characteristics. It should be possible to use one in place of a 68764 if one constructs an appropriate pinning adapter.

Happy tweaking.

********** REPLY SEPARATOR **********

On 25-Jan-10 at 00:07 oldr1800 wrote:

>i see atlest one program eeprom chip in this is a MCM68764C and im
>wondering if a typical 2816a or other 2XXX is plug and play or if not what
>are other compatible eeproms that the r1801a can read a program from?
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>Yahoo! Groups Links
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>_____ Information from ESET NOD32 Antivirus, version of virus
>signature database 4802 (20100124) _____
>
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>
>http://www.eset. com

134. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 05:23:20 UTC
From: Raye N8NAP
Topic: 131 Message: 134

How about the MCM 68766? My Stag programmer has one selection for both chips.
and I have several dozen from old trunking controller updates.
Guess I need to try one.
Raye

--- In Motorola_R-1801@yahoogroups.com, John Bruson <oldr1800@...> wrote:
>
> are you aware if a common (universal?) eeprom programmer will read and write them?
> i noticed people are selling the chips on ebay.. but i dont see that number listed on the few programmers i looked at.
>
>
>
>
>
> _____
> From: "mt500@..." <mt500@...>
> To: Motorola_R-1801@yahoogroups.com
> Sent: Sun, January 24, 2010 7:44:07 PM
> Subject: Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or others...
>
>
> The 68764 was proprietary to Motorola (no one else I know of made them).
> It had a unique pinout, quite different from the standard chips.
>
> The closest cousin to the 68764 is the 2764 family of UV EPROMs. Different
> pinout, but very similar in electrical characteristics. It should be
> possible to use one in place of a 68764 if one constructs an appropriate
> pinning adapter.
>
> Happy tweaking.
>
> ********** REPLY SEPARATOR **********
>
> On 25-Jan-10 at 00:07 oldr1800 wrote:
>
> >i see atlest one program eeprom chip in this is a MCM68764C and im
> >wondering if a typical 2816a or other 2XXX is plug and play or if not what
> >are other compatible eeproms that the r1801a can read a program from?
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> >Yahoo! Groups Links

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> >_____ Information from ESET NOD32 Antivirus, version of virus
> >signature database 4802 (20100124) _____
> >
> >The message was checked by ESET NOD32 Antivirus.
> >
> >http://www.eset. com
>

135. Re[2]: [Motorola_R-1801] r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 07:28:25 UTC
From: mt500@bluefeathertech.com
Topic: 131 Message: 135

Indeed I am. Most of the programmers from Data I/O support them, including the Unisite, Autosite, 2900, and 39xx series. I'm fairly certain the programmers from Advin, Logical Devices, and EETools support them as well (check with the specific manufacturer involved to be sure). There may be others which I don't know of.

Happy hunting.

********** REPLY SEPARATOR **********

On 24-Jan-10 at 20:27 John Bruson wrote:

>are you aware if a common (universal?) eeprom programmer will read and
>write them?
>i noticed people are selling the chips on ebay.. but i dont see that
>number listed on the few programmers i looked at.
>
>
>
>
>
>_____
>From: "mt500@..." <mt500@...>
>To: Motorola_R-1801@yahoogroups.com
>Sent: Sun, January 24, 2010 7:44:07 PM
>Subject: Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or
>others...
>
>
>The 68764 was proprietary to Motorola (no one else I know of made them).
>It had a unique pinout, quite different from the standard chips.
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>The closest cousin to the 68764 is the 2764 family of UV EPROMs. Different
>pinout, but very similar in electrical characteristics. It should be
>possible to use one in place of a 68764 if one constructs an appropriate
>pinning adapter.
>
>Happy tweaking.
>
>********** REPLY SEPARATOR **********
>
>On 25-Jan-10 at 00:07 oldr1800 wrote:
>
>>i see atlest one program eeprom chip in this is a MCM68764C and im
>>wondering if a typical 2816a or other 2XXX is plug and play or if not

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>>are other compatible eeproms that the r1801a can read a program from?
>>
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136. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 17:46:56 UTC
From: Raye N8NAP
Topic: 131 Message: 136

Per another user of mcm68764/66 chips (not in a 1801):
2564's are pin for pin interchangeable
you must program them with the proper selection in your programmer as the burning algorithms are different!
same holds true with using a socket adapter for 2764's

does anyone know what the difference is between a MCM68764 and a MCM68766?

--- In Motorola_R-1801@yahoogroups.com, mt500@... wrote:
>
> Indeed I am. Most of the programmers from Data I/O support them, including
> the Unisite, Autosite, 2900, and 39xx series. I'm fairly certain the
> programmers from Advin, Logical Devices, and EETools support them as well
> (check with the specific manufacturer involved to be sure). There may be
> others which I don't know of.
>
> Happy hunting.
>
> ********** REPLY SEPARATOR **********
>
> On 24-Jan-10 at 20:27 John Bruson wrote:
>
> >are you aware if a common (universal?) eeprom programmer will read and
> >write them?
> >i noticed people are selling the chips on ebay.. but i dont see that
> >number listed on the few programmers i looked at.
> >
> >
> >
> >
> >
> >_____
> >From: "mt500@..." <mt500@...>
> >To: Motorola_R-1801@yahoogroups.com
> >Sent: Sun, January 24, 2010 7:44:07 PM
> >Subject: Re: [Motorola_R-1801] r1801a program eeproms MCM68764C or
> >others...
> >
> >
> >The 68764 was proprietary to Motorola (no one else I know of made them).
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> >The closest cousin to the 68764 is the 2764 family of UV EPROMs. Different
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> >possible to use one in place of a 68764 if one constructs an appropriate

> >pinning adapter.
> >
> >Happy tweaking.
> >
> >********** REPLY SEPARATOR **********
> >
> >On 25-Jan-10 at 00:07 oldr1800 wrote:
> >
> >>i see atlest one program eeprom chip in this is a MCM68764C and im
> >>wondering if a typical 2816a or other 2XXX is plug and play or if not
> what
> >>are other compatible eeproms that the r1801a can read a program from?
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>

137. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-01-25 21:11:14 UTC
From: oldr1800
Topic: 131 Message: 137

anyone have a pin out for this socket adapter?

138. RTL-4070

Yahoo group: Motorola_R-1801
Date: 2010-01-26 01:24:25 UTC
From: David A. Raines, J.D.
Topic: 138 Message: 138

Hello all. I am an old fart ham radio operator who likes the Motorola MX-300S. I have several of them in use, and more among my family and friends. I finally decided to bite the bullet and bought an R-1801 so I can program my own C and D version code plugs. I also got the MX-300E firmware necessary. Ah, but the elusive RTL-4070 cradle, now that is another story. I am posting this message in pursuit of that elusive cradle.

First of all, if anyone has one they are willing to sell for ANY price, please let me know. However, I assume that is a lost cause. Therefore, my fallback plan is to reverse-engineer that double-sided circuit board in the 4070 that is the only difference between the 4070 and the 5805. I have a 5805, and they are relatively easily obtainable. Would someone in this list be so kind as to take the circuit board out of your 4070 and take good, high-resolution photos of it? I believe I can recreate the board with such photos. I will then replace the board in the 5805 with my reverse-engineered copy of the board in the 4070.

Anyone willing to take the photos and send them to me, please write. Thanks in advance for any help those of you in this group can offer towards this project.

David, NY1A

David A. Raines, J.D., Ph.D.
Boonshoft School of Medicine
Wright State University
Dayton, OH 45435
(937) 775-4894
(937) 775-3322 fax

139. Re: RTL-4070

Yahoo group: Motorola_R-1801
Date: 2010-01-26 03:30:26 UTC
From: Raye N8NAP
Topic: 138 Message: 139

If it's got a schematic in the manual, you should have the board layout as well.
Be carefull of the board address jumpers as they are what tell the 1801 you have the right adapter installed. I swear the board layout shows them all installed on some adapters, my guess is they're cut during assembly. That may take a photo of a working one.
The resistors and zeners are critical as they set up the programming voltages and currents.

other option is to compare the one you have with the one you need. It might be easier to modify.

--- In Motorola_R-1801@yahoogroups.com, "David A. Raines, J.D." <david.raines@...> wrote:
>
> Hello all. I am an old fart ham radio operator who likes the Motorola
> MX-300S. I have several of them in use, and more among my family and
> friends. I finally decided to bite the bullet and bought an R-1801 so
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> that is another story. I am posting this message in pursuit of that
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> obtainable. Would someone in this list be so kind as to take the
> circuit board out of your 4070 and take good, high-resolution photos
> of it? I believe I can recreate the board with such photos. I will
> then replace the board in the 5805 with my reverse-engineered copy of
> the board in the 4070.
>
> Anyone willing to take the photos and send them to me, please write.
> Thanks in advance for any help those of you in this group can offer
> towards this project.
>
> David, NY1A
>
> ---
> David A. Raines, J.D., Ph.D.
> Boonshoft School of Medicine
> Wright State University
> Dayton, OH 45435
> (937) 775-4894
> (937) 775-3322 fax
>

140. Re: [Motorola_R-1801] Re: RTL-4070

Yahoo group: Motorola_R-1801
Date: 2010-01-26 03:49:31 UTC
From: David A. Raines, J.D.
Topic: 138 Message: 140

Unfortunately, I don't have the manual. Nor do I have the 4070 to compare with my 5805. That is why I am asking for someone with a 4070 to take photos. Do you have one you can take photos of?

David

Sent from my iPhone

On Jan 25, 2010, at 10:30 PM, Raye N8NAP <n8nap@...> wrote:

> If it's got a schematic in the manual, you should have the board
> layout as well.
> Be carefull of the board address jumpers as they are what tell the
> 1801 you have the right adapter installed. I swear the board layout
> shows them all installed on some adapters, my guess is they're cut
> during assembly. That may take a photo of a working one.
> The resistors and zeners are critical as they set up the programming
> voltages and currents.
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> other option is to compare the one you have with the one you need.
> It might be easier to modify.
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> --- In Motorola_R-1801@yahoogroups.com, "David A. Raines, J.D."
> <david.raines@...> wrote:
> >
> > Hello all. I am an old fart ham radio operator who likes the
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> > MX-300S. I have several of them in use, and more among my family and
> > friends. I finally decided to bite the bullet and bought an R-1801
> so
> > I can program my own C and D version code plugs. I also got the
> > MX-300E firmware necessary. Ah, but the elusive RTL-4070 cradle, now
> > that is another story. I am posting this message in pursuit of that
> > elusive cradle.
> >
> > First of all, if anyone has one they are willing to sell for ANY
> > price, please let me know. However, I assume that is a lost cause.
> > Therefore, my fallback plan is to reverse-engineer that double-sided
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> > obtainable. Would someone in this list be so kind as to take the
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> > David, NY1A
> >
> > ----------
> > David A. Raines, J.D., Ph.D.
> > Boonshoft School of Medicine
> > Wright State University
> > Dayton, OH 45435
> > (937) 775-4894
> > (937) 775-3322 fax
> >
>
>

141. Re: RTL-4070 vx RLN 5805

Yahoo group: Motorola_R-1801
Date: 2010-01-27 06:59:32 UTC
From: Raye N8NAP
Topic: 138 Message: 141

I have the MX300-E version B that calls up the RTL4070 adapter
It calls up very specific radio model lines like H*3SSA1***
and is dated 1989

I have the MX300-S version D that calls up a RLN5805B adapter
It's dated 1983
Hey, I wasn't the portable tech, was there a MX300E that replaced the MX300S?

I have programming adapters but not the firmware to do the signal proms/ Roms in the MX as well. Got them for the hardware to build a couple unavailable adapters

I also found and appear to have gotten working the computer interface software for my Stag 3000 programmer. 1990 vintage and running on XP pro!
I have a data I/O 29A, several 29B's but without the motorola specific firmware, buth unipaks and logic/ pla packs and a Logical Devices "Shooter" I have the 8748/49 microcontroller paks for the data I/O and can do the microcontrollers Looks like I left my Gangpro at work when I retired. I also can do a lot of Pals and Gals.
Everything is older and doesn't support flash memory or the OTP Eproms Most everything is unsupported.

I copied from MCM68764's to MCM68766 eproms and they seem to work.
It also appears At least on the single chips I can add the version number to the keyboard entry allowing multiple versions in the same 1801.
As for using 2764's, for a start, you'd need to plug a 28 pin 2764 into a 24 pin socket.

--- In Motorola_R-1801@yahoogroups.com, "David A. Raines, J.D." <david.raines@...> wrote:
>
> Unfortunately, I don't have the manual. Nor do I have the 4070 to
> compare with my 5805. That is why I am asking for someone with a 4070
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>
> David
>
> Sent from my iPhone
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> On Jan 25, 2010, at 10:30 PM, Raye N8NAP <n8nap@...> wrote:
>
> > If it's got a schematic in the manual, you should have the board
> > layout as well.
> > Be carefull of the board address jumpers as they are what tell the
> > 1801 you have the right adapter installed. I swear the board layout
> > shows them all installed on some adapters, my guess is they're cut
> > during assembly. That may take a photo of a working one.
> > The resistors and zeners are critical as they set up the programming
> > voltages and currents.
> >

> > other option is to compare the one you have with the one you need.
> > It might be easier to modify.
> >
> > --- In Motorola_R-1801@yahoogroups.com, "David A. Raines, J.D."
> > <david.raines@> wrote:
> > >
> > > Hello all. I am an old fart ham radio operator who likes the
> > Motorola
> > > MX-300S. I have several of them in use, and more among my family and
> > > friends. I finally decided to bite the bullet and bought an R-1801
> > so
> > > I can program my own C and D version code plugs. I also got the
> > > MX-300E firmware necessary. Ah, but the elusive RTL-4070 cradle, now
> > > that is another story. I am posting this message in pursuit of that
> > > elusive cradle.
> > >
> > > First of all, if anyone has one they are willing to sell for ANY
> > > price, please let me know. However, I assume that is a lost cause.
> > > Therefore, my fallback plan is to reverse-engineer that double-sided
> > > circuit board in the 4070 that is the only difference between the
> > 4070
> > > and the 5805. I have a 5805, and they are relatively easily
> > > obtainable. Would someone in this list be so kind as to take the
> > > circuit board out of your 4070 and take good, high-resolution photos
> > > of it? I believe I can recreate the board with such photos. I will
> > > then replace the board in the 5805 with my reverse-engineered copy
> > of
> > > the board in the 4070.
> > >
> > > Anyone willing to take the photos and send them to me, please write.
> > > Thanks in advance for any help those of you in this group can offer
> > > towards this project.
> > >
> > > David, NY1A
> > >
> > > ---
> > > David A. Raines, J.D., Ph.D.
> > > Boonshoft School of Medicine
> > > Wright State University
> > > Dayton, OH 45435
> > > (937) 775-4894
> > > (937) 775-3322 fax
> > >
> >
> >
>

142. Re: RTL-4070

Yahoo group: Motorola_R-1801
Date: 2010-01-27 12:59:30 UTC
From: David A. Raines J.D.
Topic: 138 Message: 142

> I have the MX300-E version B that calls up the RTL4070 adapter
> It calls up very specific radio model lines like H*3SSA1***
> and is dated 1989
>
> I have the MX300-S version D that calls up a RLN5805B adapter
> It's dated 1983
> Hey, I wasn't the portable tech, was there a MX300E that replaced the MX300S?
>
The "E" stands for Eraseable. It refers to the new firmware necessary to handle the eraseable C and D version code plugs. I have the MX-300E firmware in hopes of getting or building an RTL-4070 cradle.
>
> I have programming adapters but not the firmware to do the signal proms/ Roms in the MX as well. Got them for the hardware to build a couple unavailable adapters
>
> I also found and appear to have gotten working the computer interface software for my Stag 3000 programmer. 1990 vintage and running on XP pro!
> I have a data I/O 29A, several 29B's but without the motorola specific firmware, buth unipaks and logic/ pla packs and a Logical Devices "Shooter" I have the 8748/49 microcontroller paks for the data I/O and can do the microcontrollers Looks like I left my Gangpro at work when I retired. I also can do a lot of Pals and Gals.
> Everything is older and doesn't support flash memory or the OTP Eproms Most everything is unsupported.
>
> I copied from MCM68764's to MCM68766 eproms and they seem to work.
> It also appears At least on the single chips I can add the version number to the keyboard entry allowing multiple versions in the same 1801.
> As for using 2764's, for a start, you'd need to plug a 28 pin 2764 into a 24 pin socket.
>
>
All of the foregoing was gobbledygook to me. No idea what you are talking about. All I know are MX's and their programming via OEM methods. Sorry.

David, NY1A

143. RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-27 23:57:16 UTC
From: Andy Brinkley
Topic: 138 Message: 143

I have uploaded a file with the part numbers, board layout and schematic for the RTL-4070 adapter.

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

144. Re: [Motorola_R-1801] RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 00:17:06 UTC
From: David A. Raines, J.D.
Topic: 138 Message: 144

Thank you Andy! That was exactly what I needed. I can certainly make what I need with this much information. The only thing I was worried about was the possibility that some of the parts would be proprietary. Clearly none of them are, except the plugs and chassis parts already present in the 5805 I will use to build this. This is the best news I have had in months of searching.

I will update the list once I have manufactured the circuit board, since my guess is there are others who might want to change a surplus 5805 into a 4070.

Thanks again.

David, NY1A

David A. Raines, J.D., Ph.D.
Boonshoft School of Medicine
Wright State University
Dayton, OH 45435
(937) 775-4894
(937) 775-3322 fax

On Jan 27, 2010, at 6:57 PM, Andy Brinkley wrote:

>
> I have uploaded a file with the part numbers, board layout and
> schematic for the RTL-4070 adapter.
>
>
>
> Andy
> ---
> NC Certified Firefighter III / EMT-A
> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> www.brinkleyelectronics.com
>
>
>
>

145. RE: [Motorola_R-1801] RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 00:33:38 UTC
From: Andy Brinkley
Topic: 138 Message: 145

David -

Glad to be of assistance. I have a large number of programming manuals (with associated interface card schematics) and will post them in the files section as I get time.

For those that do not have a donor RTL-5805, I had once considered building a RTL-4070 interface using a donor MX chassis to hold the memory module for programming.

Andy

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FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

146. Re: RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 02:21:20 UTC
From: Raye N8NAP
Topic: 138 Message: 146

A copy of the 5805 might help as it will show what he has now.
I'm considering doing that with the Syntor x, converting a 5816 to a 5815

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> David -
>
>
>
> Glad to be of assistance. I have a large number of programming manuals
> (with associated interface card schematics) and will post them in the files
> section as I get time.
>
>
>
> For those that do not have a donor RTL-5805, I had once considered building
> a RTL-4070 interface using a donor MX chassis to hold the memory module for
> programming.
>
>
>
> Andy
> ---
> NC Certified Firefighter III / EMT-A
> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> <http://www.brinkleyelectronics.com> www.brinkleyelectronics.com
>

147. RE: [Motorola_R-1801] Re: RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 02:29:20 UTC
From: Andy Brinkley
Topic: 138 Message: 147

I will have to find another scanner for the 5805, it is more complex and the schematic is on the legal size paper

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

A copy of the 5805 might help as it will show what he has now.
I'm considering doing that with the Syntor x, converting a 5816 to a 5815

148. Re: [Motorola_R-1801] Re: RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 02:37:26 UTC
From: David A. Raines, J.D.
Topic: 138 Message: 148

If you would trust me with the manual, I have some of the most sophisticated, high-res equipment in the world available to me here at the medical school. I can scan complete manuals and upload the PDFs at whatever res is needed, and no matter what size the paper pages are printed on.

David, NY1A

Sent from my iPhone

On Jan 27, 2010, at 9:29 PM, Andy Brinkley <nc4ab@...> wrote:

> I will have to find another scanner for the 5805, it is more complex
> and the schematic is on the legal size paper
>
>
>
> Andy
> ----------
> NC Certified Firefighter III / EMT-A
> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> www.brinkleyelectronics.com
>
>
>
> A copy of the 5805 might help as it will show what he has now.
> I'm considering doing that with the Syntor x, converting a 5816 to a
> 5815
>
>
>
>

149. Re: [Motorola_R-1801] Re: RTL-4070 Schematic in Files Section

Yahoo group: Motorola_R-1801
Date: 2010-01-28 02:40:12 UTC
From: David A. Raines, J.D.
Topic: 138 Message: 149

I forgot to mention I am with the Boonshoft School of Medicine here at
Wright State University in Dayton, Ohio.

David, NY1A

Sent from my iPhone

On Jan 27, 2010, at 9:37 PM, "David A. Raines, J.D." <david.raines@...u
> wrote:

> If you would trust me with the manual, I have some of the most
> sophisticated, high-res equipment in the world available to me here
> at the medical school. I can scan complete manuals and upload the
> PDFs at whatever res is needed, and no matter what size the paper
> pages are printed on.
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> David, NY1A
>
> Sent from my iPhone
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> On Jan 27, 2010, at 9:29 PM, Andy Brinkley <nc4ab@...>
> wrote:
>
>>
>> I will have to find another scanner for the 5805, it is more
>> complex and the schematic is on the legal size paper
>>
>>
>>
>> Andy
>> ---
>> NC Certified Firefighter III / EMT-A
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>>
>>
>>
>> A copy of the 5805 might help as it will show what he has now.
>> I'm considering doing that with the Syntor x, converting a 5816 to
>> a 5815
>>
>>
>>
>
>

150. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-02-02 21:19:00 UTC
From: oldr1800
Topic: 131 Message: 150

today i have some time, and have started going thru the information you have all provided in reference to reading and programming

im interested in building a programming adapter for the universal EEPROM programmer, to read and program the MCM68764C im NOT looking to make adapters for the R1801 to accept different model chips.

so far, i have downloaded pinouts for the MCM68766 (cant find any datasheets for the MCM68764C that are in the R1801A)Raye sugested these 68766 chips may work, i also compared pinouts for the 2816 and the 2764 series that MT500 sugested.
unfortunately it appears the 2764 series is a longer chip so i dont think the 2764 series will work. raye mentioned the 2564 series, but i have been unable to find any information on them. i have also compared the 28C16 series, it has the same pinout as the 2716/2816 but there are bars over the initials WE, OE and CE. im thinking the bar may mean NOT? its been almost 20 years since i have taken digital.

i have compared the pinouts between the MCM68766 to the 2716/2816 and they are close, pins 1-12 on left side appear to be labeled the same, pin 24 on the 2716/2816 is labeled Vdd and specs say its +5V the 2716/2816 refers to pin 24 as Vcc +5v im not sure theres a difference there other than manufacturer terminology. 23,22 are same, pin 21 on the 2716/2816 is labeled WE (write enable) and the pin 21 on the MCM68766 is labeled A12. pin 20 is the same one says OE other says G/Vpp both indicating output enable. pin 19 is the same pin 18 on 2716/2816 is CE on the MCM68766 its A11. pins 17 to 13 are the same.

so as a summary, pins 21,18 do not appear to be the same or have a corresponding pin anywhere on the other chip. any ideas?

151. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-02-02 23:01:51 UTC
From: Raye N8NAP
Topic: 131 Message: 151

OE is Output Enable and if not selected the output pins go open (tri state) The VPP is the programming supply and could be raised to 21 or 25 volts durring the programming cycle.
I'll bet it's easy to build a read only adapter. Programming requires different timing and algorithms.
There's some cheap MCM 68766's on ebay for $3 ea. you must have a programmer that specifies that chip AND have a socket that's "wired" to accept it.

correct on the bar over any descriptors. They are active low... no bar means active high... But, not 100%, some mfgs didn't follow the norm.
When the program ming mode is active, there were several different means of doing so, sometimes multiple functions on a single pin depending on voltage levels, some eve went below ground to a negative voltage like on the EAROMS Motorola used in paging terminals.

The high falure chips in the R1801 are the 2114 plastic Ram chips. They were never designed to last 30 years!. If the soldered in 1k set fails, I'd put in sockets like what's on the board for 2-4k expansion. I'd also try to find ceramic 2114's

--- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@...> wrote:
>
>
>
> today i have some time, and have started going thru the information you have all provided in reference to reading and programming
>
> im interested in building a programming adapter for the universal EEPROM programmer, to read and program the MCM68764C im NOT looking to make adapters for the R1801 to accept different model chips.
>
> so far, i have downloaded pinouts for the MCM68766 (cant find any datasheets for the MCM68764C that are in the R1801A)Raye sugested these 68766 chips may work, i also compared pinouts for the 2816 and the 2764 series that MT500 sugested.
> unfortunately it appears the 2764 series is a longer chip so i dont think the 2764 series will work. raye mentioned the 2564 series, but i have been unable to find any information on them. i have also compared the 28C16 series, it has the same pinout as the 2716/2816 but there are bars over the initials WE, OE and CE. im thinking the bar may mean NOT? its been almost 20 years since i have taken digital.
>
> i have compared the pinouts between the MCM68766 to the 2716/2816 and they are close, pins 1-12 on left side appear to be labeled the same, pin 24 on the 2716/2816 is labeled Vdd and specs say its +5V the 2716/2816 refers to pin 24 as Vcc +5v im not sure theres a difference there other than manufacturer terminology. 23,22 are same, pin 21 on the 2716/2816 is labeled WE (write enable) and the pin 21 on the MCM68766 is labeled A12. pin 20 is the same one says OE other says G/Vpp both indicating output enable. pin 19 is the same pin 18 on 2716/2816 is CE on the MCM68766 its A11. pins 17 to 13 are the same.
>
> so as a summary, pins 21,18 do not appear to be the same or have a corresponding pin

anywhere on the other chip. any ideas?
>

152. difference between RTL5818 and RTL5820 Syntor/mcx100 prom adapters?

Yahoo group: Motorola_R-1801
Date: 2010-02-03 22:12:56 UTC
From: oldr1800
Topic: 152 Message: 152

im curious what makes them technically different?

153. Re: difference between RTL5818 and RTL5820 Syntor/mcx100 prom adapters?

Yahoo group: Motorola_R-1801
Date: 2010-02-05 18:13:06 UTC
From: Raye N8NAP
Topic: 152 Message: 153

Early versions used diode/ fuse devices, later used proms.
While reading the devices was the same, writing them is different.

--- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@...> wrote:
>
> im curious what makes them technically different?
>

154. syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-21 23:06:10 UTC
From: oldr1800
Topic: 154 Message: 154

recently picked up some signetics N82S129 proms, was told they are new old stock. all have date code 1986. i set up a program with the R1821A syntorF, got it all configured and when i went to program i get an error.

says prom not blank, proceed. ok well i decided to read the prom and it did read. i would not expect these proms to be from radios, but it tries to file whatever information its reading as frequencies in the 122 and 167 mhz area and one in the 80 mhz.

my question is this, is there something im not doing correctly to get it to not read properly or is this a common problem with old proms. or does evidence show its actually got valid data, tho mybe not radio data.

155. Re: [Motorola_R-1801] syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-22 00:22:30 UTC
From: mt500@bluefeathertech.com
Topic: 154 Message: 155

The 82S series of bipolar proms is insanely static-discharge (ESD) sensitive. I found this out the hard way when I was still working for Motorola.

Handle the things like paper-thin glass, using an appropriate grounded work surface and grounding wrist strap.

Happy tweaking.

********** REPLY SEPARATOR **********

On 21-Feb-10 at 23:06 oldr1800 wrote:

>recently picked up some signetics N82S129 proms, was told they are new
>old stock. all have date code 1986. i set up a program with the R1821A
>syntorF, got it all configured and when i went to program i get an error.
>
>says prom not blank, proceed. ok well i decided to read the prom and it
>did read. i would not expect these proms to be from radios, but it tries
>to file whatever information its reading as frequencies in the 122 and 167
>mhz area and one in the 80 mhz.
>
>my question is this, is there something im not doing correctly to get it
>to not read properly or is this a common problem with old proms. or does
>evidence show its actually got valid data, tho mybe not radio data.
>
>
>
>
>
>
>
>----------
>
>Yahoo! Groups Links
>
>
>
>
>_____ Information from ESET NOD32 Antivirus, version of virus
>signature database 4885 (20100221) _____
>
>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com

156. RE: [Motorola_R-1801] syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-22 00:29:08 UTC
From: Andy Brinkley
Topic: 154 Message: 156

Just a few thoughts:

Be sure you are using the RTL-4802B firmware in the R1821 and the RTL-5818B adapter card. The earlier RTL-4802A and RTL-5818A were for the older MMI Proms.

Make sure all 3 cables are plugged in between the keyboard and the Reader/Interface module.

Andy

<http://www.brinkleyelectronics.com> www.brinkleyelectronics.com

From: Motorola_R-1801@yahoogroups.com
[mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of oldr1800
Sent: Sunday, February 21, 2010 6:06 PM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] syntor prom programming issues

recently picked up some signetics N82S129 proms, was told they are new old stock. all have date code 1986. i set up a program with the R1821A syntorF, got it all configured and when i went to program i get an error.

says prom not blank, proceed. ok well i decided to read the prom and it did read. i would not expect these proms to be from radios, but it tries to file whatever information its reading as frequencies in the 122 and 167 mhz area and one in the 80 mhz.

my question is this, is there something im not doing correctly to get it to not read properly or is this a common problem with old proms. or does evidence show its actually got valid data, tho mybe not radio data.

157. Re: syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-22 02:35:18 UTC
From: oldr1800
Topic: 154 Message: 157

Be sure you are using the RTL-4802B firmware in the R1821 and the RTL-5818B adapter card. The earlier RTL-4802A and RTL-5818A were for the older MMI Proms

Make sure all 3 cables are plugged in between the keyboard and the Reader/Interface module.

i have just verified the 2 25 pin and 1 9 pin cables are securely plugged into unit, and i verified im running the correct firmware tho mine ends in a RTL-4802B-D

for my curiosity and the benefit of others who may be interested now or down the road, what are the full part number of the MMI chips for the older setup?

any other ideas?

158. Re: syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-22 07:38:16 UTC
From: Raye N8NAP
Topic: 154 Message: 158

Have a look at the chips you bought with a prom reader/ programmer like a Data I/O to see if they're indeed blank. Or build a test jig that goes thru the addresses and shows the outputs with led's

New old stock is scary if they were a manufacturing plants inventory bought at auction..

159. Re: syntor prom programming issues

Yahoo group: Motorola_R-1801
Date: 2010-02-22 21:36:47 UTC
From: Raye N8NAP
Topic: 154 Message: 159

These may have been the chips that defaulted active low instead of active high in the blank state. I also remember finding another chip that would work but can't remember the p/n Might have been the celnam or the mdc one.

--- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@...> wrote:
>
> Have a look at the chips you bought with a prom reader/ programmer like a Data I/O to see if they're indeed blank. Or build a test jig that goes thru the addresses and shows the outputs with led's
>
>
> New old stock is scary if they were a manufacturing plants inventory bought at auction..
>

160. for sale NEW R1801 keyboard

Yahoo group: Motorola_R-1801
Date: 2010-02-24 22:11:48 UTC
From: oldr1800
Topic: 160 Message: 160

i dint see a place to post items for sale on here, but figured someone here may be looking for a replacement R1801/R1821 keyboard
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=250585695697&fromMakeTrack=true&ssPageName=VIP:watchlink:top:en

says REPLACEMENT KEYBORAD TOP FOR MOTOROLA R1801 DIGITAL ANALYZER / CONTOLLER PROGRAMMER. PART# 01-80358A65 ITEM IS NEW. ADDITIONAL SERVICES = INSURANCE IS $1.75 FOR UP TO $100.00 COVERAGE

161. MX300E program chip on ebay for RLN4070A adapter

Yahoo group: Motorola_R-1801
Date: 2010-03-02 04:15:47 UTC
From: oldr1800
Topic: 161 Message: 161

if theres a better place to post ebsy items let me know, just found this on ebay for anyones consideration

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=360238339671&ssPageName=ADME:B:SS:US:1123

says.....
THIS EPROM GOES INTO THE MOTOROLA R-1801 SUITCASE PROGRAMMER TO PROGRAM EEPROMS C or D FOR USE IN MX300S TO BE USED WITH THE RLN-4070A ADAPTER. THIS IS FOR THE EEPROM UNIT. WE HAVE MORE PROMS FOR DIFFERENT USES AVAILABLE SOON.ASK IF YOU NEED SOMETHING DIFFERENT. WE ALSO ARE LOOKING FOR THE RTL-4825 PROM USED IN DVP UNITS. WE WILL BE LISTING MORE GOODIES SO SIGN UP FOR OUR NEWSLETTER FROM EBAY. WE DO COMBINE PURCHASES FOR ANY SAVINGS IN SHIPPING POSSIBLE. PLEASE PAY FOR YOUR PURCHASES WITHIN THE 7 DAY TIME LIMIT.

user id sjp5030

162. Motorola R1800A Programmer Manual with Syntor X and MSF5000

Yahoo group: Motorola_R-1801
Date: 2010-03-02 04:22:40 UTC
From: oldr1800
Topic: 162 Message: 162

found this on ebay, it looks educational, i thought someone else may be looking for it.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160408591719&ssPageName=ADME:B:SS:US:1123

it says
I had a suitcase programmer for years, and for years a friend had been promising to dig out a manual he had for it for me. Wouldn't you know it, 2 weeks after I sell the programmer on here he finds it! So here it is, the only thing harder to find than the suitcase programmer- the manual.

This binder has the manual for the programmer, programming the SyntorX, and programming the MSF-5000.

US Sales only, will ship USPS First Class.

user id timkate828

163. R1801 for sale on ebay mislabeled appears to be setup for syntor X

Yahoo group: Motorola_R-1801
Date: 2010-03-11 21:37:58 UTC
From: oldr1800
Topic: 163 Message: 163

Motorola RTL Digital Analyzer Controller Eprom FS7690
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=360242722090

Up for auction is this Motorola RTL Digital Analyzer Controller with RTL-5815 Reader/Programmer. This item powers up and initializes, but no other testing has been done. Includes power cord and cables shown in photos. There is 4 K Ram on board with an Eprom controller.

seller azfastsell

go get it! :)

164. Re: r1801a program eeproms MCM68764C or others...

Yahoo group: Motorola_R-1801
Date: 2010-03-13 04:42:54 UTC
From: Martin
Topic: 131 Message: 164

Jamesco carries the ram chips 2114N work fine in my programmer and there just over $2

--- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@...> wrote:
>
> OE is Output Enable and if not selected the output pins go open (tri state) The VPP is the programming supply and could be raised to 21 or 25 volts durring the programming cycle.
> I'll bet it's easy to build a read only adapter. Programming requires different timing and algorithms.
> There's some cheap MCM 68766's on ebay for $3 ea. you must have a programmer that specifies that chip AND have a socket that's "wired" to accept it.
>
> correct on the bar over any descriptors. They are active low... no bar means active high... But, not 100%, some mfgs didn't follow the norm.
> When the program ming mode is active, there were several different means of doing so, sometimes multiple functions on a single pin depending on voltage levels, some eve went below ground to a negative voltage like on the EAROMS Motorola used in paging terminals.
>
> The high falure chips in the R1801 are the 2114 plastic Ram chips. They were never designed to last 30 years!. If the soldered in 1k set fails, I'd put in sockets like what's on the board for 2-4k expansion. I'd also try to find ceramic 2114's
>
> --- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@> wrote:
> >
> >
> >
> > today i have some time, and have started going thru the information you have all provided in reference to reading and programming
> >
> > im interested in building a programming adapter for the universal EEPROM programmer, to read and program the MCM68764C im NOT looking to make adapters for the R1801 to accept different model chips.
> >
> > so far, i have downloaded pinouts for the MCM68766 (cant find any datasheets for the MCM68764C that are in the R1801A)Raye sugested these 68766 chips may work, i also compared pinouts for the 2816 and the 2764 series that MT500 sugested.
> > unfortunately it appears the 2764 series is a longer chip so i dont think the 2764 series will work. raye mentioned the 2564 series, but i have been unable to find any information on them. i have also compared the 28C16 series, it has the same pinout as the 2716/2816 but there are bars over the initials WE, OE and CE. im thinking the bar may mean NOT? its been almost 20 years since i have taken digital.
> >
> > i have compared the pinouts between the MCM68766 to the 2716/2816 and they are close, pins 1-12 on left side appear to be labeled the same, pin 24 on the 2716/2816 is labeled Vdd and specs say its +5V the 2716/2816 refers to pin 24 as Vcc +5v im not sure theres a difference there other than manufacturer terminology. 23,22 are same, pin 21 on the

2716/2816 is labeled WE (write enable) and the pin 21 on the MCM68766 is labeled A12. pin 20 is the same one says OE other says G/Vpp both indicating output enable. pin 19 is the same pin 18 on 2716/2816 is CE on the MCM68766 its A11. pins 17 to 13 are the same.
> >
> > so as a summary, pins 21,18 do not appear to be the same or have a corresponding pin anywhere on the other chip. any ideas?
> >
>

165. R1801 for parts on ebay

Yahoo group: Motorola_R-1801
Date: 2010-03-21 17:36:10 UTC
From: oldr1800
Topic: 165 Message: 165

this is a panik's offering, figured this would be good to post if anyone needs parts.

http://cgi.ebay.com/Motorola-Suitcase-Programmer-Reader-R1800-R1801-A164_W0QQitemZ380210209015QQcmdZViewItemQQptZ2_Way_Radios_FRS?hash=item58864b60f7

seller id
Seller ID paniksdotcom3212530889
6004 [Feedback score is 5,000 to 9,999]
99.3% Positive feedback

the text is
problem unit.....Returns accepted see below.....Items Currently being removed from Paniks Warehouse Stock..... All Items are in working condition unless specified otherwise..... If you have any questions please call at 321-253-0889. *** Item in picture is actual item being sold (except for Dutch auctions). All equipment is sold AS-IS (NO warrenties) and has NOT been thoroughly checked out or tested unless specified. If you have any questions before you place your bid, please email me at jpanik0889@..... Florida residents must add 6% sales tax. We accept cashier's check, major credit cards, and PAY-PAL . Naturally credit card purchases & pay-pal ship out more quickly. We ship UPS only in the lower 48 states and we also put insurance on all items shipped from paniks electronics at no extra cost to you, outside of the usa we ship using the united states postal service(usps)only. If payment is not received within 15 days we will issue you a bidder's alert. If no payment is received by the 30th day we will file for a fee credit and you will be automatically listed as a non paying bidder. No refunds unless specified. Check out our other auctions currently running....

166. Re: R1801 for parts on ebay

Yahoo group: Motorola_R-1801
Date: 2010-03-23 02:26:34 UTC
From: Raye N8NAP
Topic: 165 Message: 166

no firmware in it and it doesn't power up. These go for less than $200 on ebay and usually sellers confirm they power up and most have at least one set of radio firmware in them.

--- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@...> wrote:
>
> this is a panik's offering, figured this would be good to post if anyone needs parts.
>
> http://cgi.ebay.com/Motorola-Suitcase-Programmer-Reader-R1800-R1801-A164_W0QQitemZ380210209015QQcmdZViewItemQQptZ2_Way_Radios_FRS?hash=item58864b60f7
>
> seller id
> Seller ID paniksdotcom3212530889
> 6004 [Feedback score is 5,000 to 9,999]
> 99.3% Positive feedback
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> the text is
> problem unit.....Returns accepted see below.....Items Currently being removed from Paniks Warehouse Stock..... All Items are in working condition unless specified otherwise..... If you have any questions please call at 321-253-0889. *** Item in picture is actual item being sold (except for Dutch auctions). All equipment is sold AS-IS (NO warrenties) and has NOT been thoroughly checked out or tested unless specified. If you have any questions before you place your bid, please email me at jpanik0889@... Florida residents must add 6% sales tax. We accept cashier's check, major credit cards, and PAY-PAL . Naturally credit card purchases & pay-pal ship out more quickly. We ship UPS only in the lower 48 states and we also put insurance on all items shipped from paniks electronics at no extra cost to you, outside of the usa we ship using the united states postal service(usps)only. If payment is not received within 15 days we will issue you a bidder's alert. If no payment is received by the 30th day we will file for a fee credit and you will be automatically listed as a non paying bidder. No refunds unless specified. Check out our other auctions currently running....
>

167. MX300-E firmware on ebay claims for C and D revision MX300S

Yahoo group: Motorola_R-1801
Date: 2010-03-23 21:53:40 UTC
From: oldr1800
Topic: 167 Message: 167

this is currently being offered on ebay for 39.95 it ends march 30 2010
http://cgi.ebay.com/MOTOROLA-PROGRAMMING-PROM-MX300-E-FOR-USE-ON-MX300S_W0QQitemZ360246357807QQcmdZViewItemQQptZ2_Way_Radios_FRS?hash=item53e05b2f2f

from seller
sjp5030 total feedback 1401 [Feedback score is 1,000 to 4,999])
100% Positive feedback

heres a cut and paste from his auction.....verify for yourself.
THIS EPROM GOES INTO THE MOTOROLA R-1801 SUITCASE PROGRAMMER TO PROGRAM EEPROMS C or D FOR USE IN MX300S TO BE USED WITH THE RLN-4070A ADAPTER. THIS IS FOR THE EEPROM UNIT. WE HAVE MORE PROMS FOR DIFFERENT USES AVAILABLE SOON.ASK IF YOU NEED SOMETHING DIFFERENT. WE ALSO ARE LOOKING FOR THE RTL-4825 PROM USED IN DVP UNITS. WE WILL BE LISTING MORE GOODIES SO SIGN UP FOR OUR NEWSLETTER FROM EBAY. WE DO COMBINE PURCHASES FOR ANY SAVINGS IN SHIPPING POSSIBLE. PLEASE PAY FOR YOUR PURCHASES WITHIN THE 7 DAY TIME LIMIT.

168. R1801 for sale on ebay with alot of programs including the rare MX300-T

Yahoo group: Motorola_R-1801
Date: 2010-04-10 05:12:57 UTC
From: oldr1800
Topic: 168 Message: 168

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160421958351&ssPageName=ADME:B:SS:US:1123

heres a cut and paste of the auction text.

Seller info
rooski2u feedback 801
100% Positive feedback
Item number: 160421958351
Item location: Riverside, California, United States
Ships to: United States

Here's one of our old Motorola R1801 (4k RAM) suitcase programmers. Although someone had marked it as "bad", 10 years ago, I did just test it with a Syntor X memory module, and was able to read, edit and write back to the module, without problems. I have no idea why it was marked as bad, and there's a good chance it does have some kind of issue, but it did pass my limited testing. I also ran some of the built in diagnostics for the bottom end, and no errors were encountered.

I'm not familiar with using this thing, and I don't have a book. With some info from the net, and common sense, I managed to fumble my way through my limited testing. I don't have the knowledge or the time to test every function and all the included adapters (only the 5815 adapter was tested), so the unit is guaranteed to work only as far as I tested it. Anything beyond my limited testing is considered "as-is".

Physically, it looks quite used and dirty. The little slider for holding the lid up is messed up (common on these).

The installed software list is as follows:

CELPROG
GSC
CELLNAM
CPPI
SYNTORX
SYNTORAUX
CELLPORT
MCX100PD1
TPROG
SMT80
MX300-S
TSX
MX300-T

It comes with the cables and adapters pictured. The adapters are:

RTL5815 syntor x eeprom
RTL5816 syntor x prom
RTL5817 syntor x/ mostar trunked, msf5000
RTL5825 mcx100
RTL5830 syntor x/mostar trunked
RTL5821 ???
RTL5820A smt80 / mdc 600 system 90
RTL5805 mx300-s
RTL5801 mx300

The adapter descriptions are from info found on the net, and may not be totally accurate.

Shipping is only within the U.S. Local pick up is also available.

Thanks for looking!

169. Re: R1801 for sale on ebay with alot of programs including the rare MX300-T

Yahoo group: Motorola_R-1801
Date: 2010-04-14 17:28:11 UTC
From: Raye N8NAP
Topic: 168 Message: 169

That's going to be a big buck item as the adapters are worth more than the basic programmer. It would be nice if the seller listed the firmware versions in it

I'm thinking of selling one of mine, has syntorX version D, MCX100 and MX300 I DO NOT have adapter cradles though.
It's a low to now use govt surplus one and has the 4k option in it

Has anyone seen the standalone eprom ham software for MSF5000 "CLB"?
looking for the 10 minute id timer.

170. Re: R1801 for sale on ebay with alot of programs including the rare MX300-T

Yahoo group: Motorola_R-1801
Date: 2010-04-19 15:37:58 UTC
From: Raye N8NAP
Topic: 168 Message: 170

Went for $525... even if the 1801 itself was bad, the software and adapters worth that. If someone here won it and want's to sell off part of it, I'm interested in the smt80 adapter and prom

And still looking for the ham friendly MSF 5000!
Raye

--- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@...> wrote:
>
>
> That's going to be a big buck item as the adapters are worth more than the basic programmer. It would be nice if the seller listed the firmware versions in it
>
> I'm thinking of selling one of mine, has syntorX version D, MCX100 and MX300 I DO NOT have adapter cradles though.
> It's a low to now use govt surplus one and has the 4k option in it
>
>
> Has anyone seen the standalone eprom ham software for MSF5000 "CLB"?
> looking for the 10 minute id timer.
>

171. Motorola R1801 R1800 Suitcase Programmer with MSF5000 on ebay to May 02, 2010

Yahoo group: Motorola_R-1801
Date: 2010-04-29 21:06:29 UTC
From: oldr1800
Topic: 171 Message: 171

for those who are interested this is currently on ebay.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160426717336&ssPageName=ADME:B:SS:US:1123

heres a cut and paste from the auction text

Here's one of our old Motorola R1801 (4k RAM) suitcase programmers. I did just test it with a Syntor X memory module, and was able to read, edit and write back to the module, without problems. I then tested it by reading the contents of an eprom from an MSF5000 CLB station. I also ran some of the built in diagnostics for the bottom end, and no errors were encountered.

I'm not familiar with using this thing, and I don't have a book. With some info from the net, and common sense, I managed to fumble my way through my limited testing. I don't have the knowledge or the time to test every function and all the included adapters (only the 5815 and 5817 adapters were tested), so the unit is guaranteed to work only as far as I tested it. Anything beyond my limited testing is considered "as-is".

Physically, it looks quite used and dirty. The little slider for holding the lid up is broken and missing, and one of the hinges is a little loose, but still intact.

The installed software list is as follows:

MSF6
MSF5
MSF4
MSF3
MSF2
MSF1
MSF
TPROG
CELNAM
CELPROG
MX300-S
SYNTORX
SYNTORAUX

It comes with the cables and adapters pictured. The adapters are:

RTL5815 syntor x eeprom
RTL5816 syntor x prom
RTL5817 syntor x/ mostar trunked, msf5000
RTL5825 mcx100
RTL5830 syntor x/mostar trunked
RTL5820A smt80 / mdc 600 system 90

RTL5805 mx300-s

The adapter descriptions are from info found on the net, and may not be totally accurate.

Shipping is only within the U.S. Local pick up is also available.

Thanks for looking!

172. Re: Motorola R1801 R1800 Suitcase Programmer with MSF5000 on ebay to May 02, 2010

Yahoo group: Motorola_R-1801
Date: 2010-05-03 16:18:43 UTC
From: Raye N8NAP
Topic: 171 Message: 172

OUCH! $511 !

My only interest is in the MSF5000 capability. I've seen mention that there's "Ham Friendly" programming software written tht's windows based and uses an external Eprom reader/writer.
Anyone know of an analog MSF group?
Raye,
N8NAP

--- In Motorola_R-1801@yahoogroups.com, "oldr1800" <oldr1800@...> wrote:
>
> for those who are interested this is currently on ebay.....
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160426717336&ssPageName=ADME:B:SS:US:1123
>
> heres a cut and paste from the auction text
>
> Here's one of our old Motorola R1801 (4k RAM) suitcase programmers. I did just test it with a Syntor X memory module, and was able to read, edit and write back to the module, without problems. I then tested it by reading the contents of an eprom from an MSF5000 CLB station. I also ran some of the built in diagnostics for the bottom end, and no errors were encountered.
>
> I'm not familiar with using this thing, and I don't have a book. With some info from the net, and common sense, I managed to fumble my way through my limited testing. I don't have the knowledge or the time to test every function and all the included adapters (only the 5815 and 5817 adapters were tested), so the unit is guaranteed to work only as far as I tested it. Anything beyond my limited testing is considered "as-is".
>
> Physically, it looks quite used and dirty. The little slider for holding the lid up is broken and missing, and one of the hinges is a little loose, but still intact.
>
> The installed software list is as follows:
>
> MSF6
> MSF5
> MSF4
> MSF3
> MSF2
> MSF1
> MSF
> TPROG
> CELNAM

> CELPROG
> MX300-S
> SYNTORX
> SYNTORAUX
>
> It comes with the cables and adapters pictured. The adapters are:
>
> RTL5815 syntor x eeprom
> RTL5816 syntor x prom
> RTL5817 syntor x/ mostar trunked, msf5000
> RTL5825 mcx100
> RTL5830 syntor x/mostar trunked
> RTL5820A smt80 / mdc 600 system 90
> RTL5805 mx300-s
>
>
> The adapter descriptions are from info found on the net, and may not be totally accurate.
>
>
> Shipping is only within the U.S. Local pick up is also available.
>
> Thanks for looking!
>

173. Re: [Motorola_R-1801] Re: Motorola R1801 R1800 Suitcase Programmer with MSF5000 on ebay to May 02, 2010

Yahoo group: Motorola_R-1801
Date: 2010-05-03 16:48:48 UTC
From: Samuel Railey Efurd
Topic: 171 Message: 173

I'll second that!

On Mon, May 3, 2010 at 11:18 AM, Raye N8NAP <n8nap@yahoo.com> wrote:

>
>
> OUCH! $511 !
>
> My only interest is in the MSF5000 capability. I've seen mention that
> there's "Ham Friendly" programming software written tht's windows based and
> uses an external Eprom reader/writer.
> Anyone know of an analog MSF group?
> Raye,
> N8NAP
>
>
>
> --- In Motorola_R-1801@yahoogroups.com <Motorola_R-1801%40yahoogroups.com>,
> "oldr1800" <oldr1800@...> wrote:
> >
> > for those who are interested this is currently on ebay.....
> >
> >
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160426717336&ssPageName=ADME:B:SS:US:
1123
> >
> > heres a cut and paste from the auction text
> >
> > Here's one of our old Motorola R1801 (4k RAM) suitcase programmers. I did
> just test it with a Syntor X memory module, and was able to read, edit and
> write back to the module, without problems. I then tested it by reading the
> contents of an eprom from an MSF5000 CLB station. I also ran some of the
> built in diagnostics for the bottom end, and no errors were encountered.
> >
> > I'm not familiar with using this thing, and I don't have a book. With
> some info from the net, and common sense, I managed to fumble my way through
> my limited testing. I don't have the knowledge or the time to test every
> function and all the included adapters (only the 5815 and 5817 adapters were
> tested), so the unit is guaranteed to work only as far as I tested it.
> Anything beyond my limited testing is considered "as-is".
> >
> > Physically, it looks quite used and dirty. The little slider for holding
> the lid up is broken and missing, and one of the hinges is a little loose,
> but still intact.

> >
> > The installed software list is as follows:
> >
> > MSF6
> > MSF5
> > MSF4
> > MSF3
> > MSF2
> > MSF1
> > MSF
> > TPROG
> > CELNAM
> > CELPROG
> > MX300-S
> > SYNTORX
> > SYNTORAUX
> >
> > It comes with the cables and adapters pictured. The adapters are:
> >
> > RTL5815 syntor x eeprom
> > RTL5816 syntor x prom
> > RTL5817 syntor x/ mostar trunked, msf5000
> > RTL5825 mcx100
> > RTL5830 syntor x/mostar trunked
> > RTL5820A smt80 / mdc 600 system 90
> > RTL5805 mx300-s
> >
> >
> > The adapter descriptions are from info found on the net, and may not be
> totally accurate.
> >
> >
> > Shipping is only within the U.S. Local pick up is also available.
> >
> > Thanks for looking!
> >
>
>
>

--
Samuel Railey Efurd

www.samuelraileyefurd.com
samuelraileyefurd.blogspot.com/

174. Re: Motorola R1801 R1800 Suitcase Programmer with MSF5000 on ebay to May 02, 2010

Yahoo group: Motorola_R-1801
Date: 2010-05-24 04:58:37 UTC
From: Raye N8NAP
Topic: 171 Message: 174

Anyone want to sell off the MSF chipset from the 1801 they bought?

--- In Motorola_R-1801@yahoogroups.com, Samuel Railey Efurd <srefurd@...> wrote:
>
> I'll second that!
>
> On Mon, May 3, 2010 at 11:18 AM, Raye N8NAP <n8nap@...> wrote:
>
> >
> >
> > OUCH! $511 !
> >
> > My only interest is in the MSF5000 capability. I've seen mention that
> > there's "Ham Friendly" programming software written tht's windows based and
> > uses an external Eprom reader/writer.
> > Anyone know of an analog MSF group?
> > Raye,
> > N8NAP
> >
> >
> >
> > --- In Motorola_R-1801@yahoogroups.com <Motorola_R-1801%40yahoogroups.com>,
> > "oldr1800" <oldr1800@> wrote:
> > >
> > > for those who are interested this is currently on ebay.....
> > >
> > >
> > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160426717336&ssPageName=ADME:B:SS:US:1123
> > >
> > > heres a cut and paste from the auction text
> > >
> > > Here's one of our old Motorola R1801 (4k RAM) suitcase programmers. I did
> > just test it with a Syntor X memory module, and was able to read, edit and
> > write back to the module, without problems. I then tested it by reading the
> > contents of an eprom from an MSF5000 CLB station. I also ran some of the
> > built in diagnostics for the bottom end, and no errors were encountered.
> > >
> > > I'm not familiar with using this thing, and I don't have a book. With
> > some info from the net, and common sense, I managed to fumble my way through
> > my limited testing. I don't have the knowledge or the time to test every
> > function and all the included adapters (only the 5815 and 5817 adapters were
> > tested), so the unit is guaranteed to work only as far as I tested it.
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> > > TPROG
> > > CELNAM
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> > > RTL5805 mx300-s
> > >
> > >
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> > totally accurate.
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> > >
> > > Shipping is only within the U.S. Local pick up is also available.
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> > > Thanks for looking!
> > >
> >
> >
> >
>
>
>
> --
> Samuel Railey Efurd
>
> www.samuelraileyefurd.com

> samuelraileyefurd.blogspot.com/
>

175. Re: Motorola R1801 R1800 Suitcase Programmer with MSF5000 on ebay to May 02, 2010

Yahoo group: Motorola_R-1801
Date: 2010-05-25 06:02:56 UTC
From: microwavetechnology
Topic: 171 Message: 175

All,

We have the set of 6 copied tested ones for MSF on 68764C's available.

Also have the manual (87 print pages).

$100 or best offer shipped.

Also have other models available.

BJ

--- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@...> wrote:
>
>
> Anyone want to sell off the MSF chipset from the 1801 they bought?
>
>
> --- In Motorola_R-1801@yahoogroups.com, Samuel Railey Efurd <srefurd@> wrote:
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> > I'll second that!
> >
> > On Mon, May 3, 2010 at 11:18 AM, Raye N8NAP <n8nap@> wrote:
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> > > OUCH! $511 !
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> > > My only interest is in the MSF5000 capability. I've seen mention that
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> > > Raye,
> > > N8NAP
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> > >
> > > --- In Motorola_R-1801@yahoogroups.com <Motorola_R-1801%40yahoogroups.com>,
> > > "oldr1800" <oldr1800@> wrote:
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> > > > for those who are interested this is currently on ebay.....
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> > > >
> > > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160426717336&ssPageName=ADME:B:SS
:US:1123

> > > >
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> > > > The installed software list is as follows:
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> > > > MSF
> > > > TPROG
> > > > CELNAM
> > > > CELPROG
> > > > MX300-S
> > > > SYNTORX
> > > > SYNTORAUX
> > > >
> > > > It comes with the cables and adapters pictured. The adapters are:
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> > > > RTL5815 syntor x eeprom
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> > > > RTL5825 mcx100
> > > > RTL5830 syntor x/mostar trunked
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> > > > The adapter descriptions are from info found on the net, and may not be
> > > totally accurate.
> > > >

> > > >
> > > > Shipping is only within the U.S. Local pick up is also available.
> > > >
> > > > Thanks for looking!
> > > >
> > >
> > >
> > >
> >
> >
> >
> > --
> > Samuel Railey Efurd
> >
> > www.samuelraileyefurd.com
> > samuelraileyefurd.blogspot.com/
> >
>

176. Suite Case Programmer

Yahoo group: Motorola_R-1801
Date: 2010-08-11 16:30:21 UTC
From: Martin
Topic: 176 Message: 176

I have a Suite Case Programmer that I'm working on that gives this error and the service manual refers to U303 on the I/O board. Does anyone here have any issues and/or work around for the test fail on the I/O "PIA 3 FAILED READ TEST"?

TNX!
Marty

177. MDC/MODAT PROM Programming?

Yahoo group: Motorola_R-1801
Date: 2011-02-13 01:45:02 UTC
From: Surf_Boy82
Topic: 177 Message: 177

Does anyone have the required firmware & hardware to program the OTP PROMS for the MX-300 MODAT/MDC board? I have some MDC units I'd like to convert to MODAT.

Thanks,

Chris

178. R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-08 21:51:11 UTC
From: Charles
Topic: 178 Message: 178

Hi,
I have a R1801 and need a 101 on how to use it.
Primarily for the MX 300's.
I have the correct ROM's installed in the unit but need the documentation that goes with the ROMS so I can go through the steps in programming the eeproms.
Any documentation on the ROM's will be a big help.
There are a number of ROM's installed in the unit and I would like to get the documentation on them also.
Thanks for your time
Charles
NM1X

179. RE: [Motorola_R-1801] R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-08 23:30:56 UTC
From: Andy Brinkley
Topic: 178 Message: 179

Charles -

Welcome to the group.

Power your R1801 up and Type / L (Hold the shift key, press L release shift key and press L) then enter.

This will list all of the ROMS installed in the R1801, post back and we can decode what you have.

73's

Andy

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FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

-'---

180. Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-09 03:23:40 UTC
From: Charles
Topic: 178 Message: 180

Andy,
Great this is what I needed. I found out I have
MCX100PD
MX300-S
MCX100-F
MX300-E
SyntorF
MX300-S+
Right now I need to walk before I run and I want to learn how to program the MX's.
I have a RTL-5805C adapter so I should be ok.

A big help would be the programming manual for the RTL4809

Can you tell me what the different versions do:
300-S
300-E
300-S+

Charles

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> Charles -
>
>
>
> Welcome to the group.
>
>
>
> Power your R1801 up and Type / L (Hold the shift key, press L release shift
> key and press L) then enter.
>
>
>
> This will list all of the ROMS installed in the R1801, post back and we can
> decode what you have.
>
>
>
> 73's
>
>
>
> Andy
> ---

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> http://www.brinkleyelectronics.com
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181. RE: [Motorola_R-1801] Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-10 01:56:18 UTC
From: Gary
Topic: 178 Message: 181

Charles,
I'm in a similar situation in that I have a suitcase programmer and would like to learn how to use it but mine does not have any proms loaded. I can copy proms but so far I haven't run across anyone with working ones that I can clone. As I understand it, the 300S is synthesized and programmable but there were at least 4 versions of this radio's memory module. I have an old Motorola app note that explains the version A, B, C, and D better. I'll find it, copy it, and email it to you. It's my understanding that the 300E was 800Mhz only but I'm not 100% sure about that. I've never heard of a 300S+. If you find out please let me know.
Gary R.

-----Original Message-----
From: Motorola_R-1801@yahoogroups.com
[mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of Charles
Sent: Thursday, December 08, 2011 7:24 PM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Re: R1801 Help

Andy,
Great this is what I needed. I found out I have
MCX100PD
MX300-S
MCX100-F
MX300-E
SyntorF
MX300-S+
Right now I need to walk before I run and I want to learn how to program the MX's.
I have a RTL-5805C adapter so I should be ok.

A big help would be the programming manual for the RTL4809

Can you tell me what the different versions do:
300-S
300-E
300-S+

Charles

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> Charles -
>
>
>

> Welcome to the group.
>
>
>
> Power your R1801 up and Type / L (Hold the shift key, press L release
shift
> key and press L) then enter.
>
>
>
> This will list all of the ROMS installed in the R1801, post back and we
can
> decode what you have.
>
>
>
> 73's
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>
>
> Andy
> ---
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> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> http://www.brinkleyelectronics.com
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Yahoo! Groups Links

182. RE: [Motorola_R-1801] Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-10 02:12:18 UTC
From: Andy Brinkley
Topic: 178 Message: 182

Charles -

You have installed:

MCX100PD MCX100 PL/DPL Tone ROM
MX300-S ???
MCX100-F MCX100 Frequency ROM
MX300-E MX300 ROM (C&D eeprom versions)
SyntorF = Syntor Frequency ROM
MX300-S+ MX300 ROM (A&B Prom versions)

Andy

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FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

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183. MX300-E Manual

Yahoo group: Motorola_R-1801
Date: 2011-12-10 02:25:58 UTC
From: Andy Brinkley
Topic: 183 Message: 183

The MX300-E programming manual has been uploaded to the files section.

Andy

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http://www.brinkleyelectronics.com

184. Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-13 01:33:10 UTC
From: djp1262003
Topic: 178 Message: 184

FYI

MX300-S was the original program for the MX300 portable when the memory modules were manufactured by MMI before they went bankrupt.

Dave

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> Charles -
>
>
>
> You have installed:
>
>
>
> MCX100PD MCX100 PL/DPL Tone ROM
> MX300-S ???
> MCX100-F MCX100 Frequency ROM
> MX300-E MX300 ROM (C&D eeprom versions)
> SyntorF = Syntor Frequency ROM
> MX300-S+ MX300 ROM (A&B Prom versions)
>
>
>
>
>
> Andy
> ----------
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> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> http://www.brinkleyelectronics.com
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>
> _
>

185. Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-27 02:37:00 UTC
From: Charles
Topic: 178 Message: 185

Andy,
Thank you for the posting of the 300-E manual.
I was traveling a lot but over the holiday I was able to sit down and play with it.
This was a big help and I learned I have the RTL-5805C adapter instead of the RLN-4070A.
Can I use either one?
If not do you know of any available out there?
Thank you again for your time and information.
Charles
NM1X

--- In Motorola_R-1801@yahoogroups.com, "djp1262003" <csvc20@...> wrote:
>
> FYI
>
> MX300-S was the original program for the MX300 portable when the memory modules were manufactured by MMI before they went bankrupt.
>
> Dave
>
> --- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@> wrote:
> >
> > Charles -
> >
> >
> >
> > You have installed:
> >
> >
> >
> > MCX100PD MCX100 PL/DPL Tone ROM
> > MX300-S ???
> > MCX100-F MCX100 Frequency ROM
> > MX300-E MX300 ROM (C&D eeprom versions)
> > SyntorF = Syntor Frequency ROM
> > MX300-S+ MX300 ROM (A&B Prom versions)
> >
> >
> >
> >
> >
> > Andy
> > ---
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> > FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> > http://www.brinkleyelectronics.com

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186. Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-27 02:40:03 UTC
From: Charles
Topic: 178 Message: 186

Gary,
Thank you for the help, I have the information on the versions and I am pretty clear about them.
I think now I nee to get the right adapter to work with the ROM's I have installed.
Charles
NM1X
--- In Motorola_R-1801@yahoogroups.com, "Gary" <n6lrv@...> wrote:
>
> Charles,
> I'm in a similar situation in that I have a suitcase programmer and would
> like to learn how to use it but mine does not have any proms loaded. I can
> copy proms but so far I haven't run across anyone with working ones that I
> can clone. As I understand it, the 300S is synthesized and programmable but
> there were at least 4 versions of this radio's memory module. I have an old
> Motorola app note that explains the version A, B, C, and D better. I'll find
> it, copy it, and email it to you. It's my understanding that the 300E was
> 800Mhz only but I'm not 100% sure about that. I've never heard of a 300S+.
> If you find out please let me know.
> Gary R.
>
> -----Original Message-----
> From: Motorola_R-1801@yahoogroups.com
> [mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of Charles
> Sent: Thursday, December 08, 2011 7:24 PM
> To: Motorola_R-1801@yahoogroups.com
> Subject: [Motorola_R-1801] Re: R1801 Help
>
> Andy,
> Great this is what I needed. I found out I have
> MCX100PD
> MX300-S
> MCX100-F
> MX300-E
> SyntorF
> MX300-S+
> Right now I need to walk before I run and I want to learn how to program the
> MX's.
> I have a RTL-5805C adapter so I should be ok.
>
> A big help would be the programming manual for the RTL4809
>
> Can you tell me what the different versions do:
> 300-S
> 300-E
> 300-S+

>
> Charles
>
>
> --- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@> wrote:
> >
> > Charles -
> >
> >
> >
> > Welcome to the group.
> >
> >
> >
> > Power your R1801 up and Type / L (Hold the shift key, press L release
> shift
> > key and press L) then enter.
> >
> >
> >
> > This will list all of the ROMS installed in the R1801, post back and we
> can
> > decode what you have.
> >
> >
> >
> > 73's
> >
> >
> >
> > Andy
> > ---
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> > FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> > http://www.brinkleyelectronics.com
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> Yahoo! Groups Links
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187. MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2011-12-28 02:50:52 UTC
From: Charles
Topic: 187 Message: 187

Hi,
Does Anyone have information they can share with me on the
MX300 - S PROM 6880310A24 - Manual
Prom RTL-4809C
Adapter RTL-5805C

This is the Prom/Adapter setup I have but I have the information for the RLN4030 and RLN 4070 adapter and not sure if it is similar?

Charles

188. Re: R1801 Help

Yahoo group: Motorola_R-1801
Date: 2011-12-29 00:59:13 UTC
From: Raye N8NAP
Topic: 178 Message: 188

The 300S and 300S+ are a two prom set to do all the radio options if I remember right.

--- In Motorola_R-1801@yahoogroups.com, "Charles" <charles.gamelin@...> wrote:
>
>
> Gary,
> Thank you for the help, I have the information on the versions and I am pretty clear about them.
> I think now I nee to get the right adapter to work with the ROM's I have installed.
> Charles
> NM1X
> --- In Motorola_R-1801@yahoogroups.com, "Gary" <n6lrv@> wrote:
> >
> > Charles,
> > I'm in a similar situation in that I have a suitcase programmer and would
> > like to learn how to use it but mine does not have any proms loaded. I can
> > copy proms but so far I haven't run across anyone with working ones that I
> > can clone. As I understand it, the 300S is synthesized and programmable but
> > there were at least 4 versions of this radio's memory module. I have an old
> > Motorola app note that explains the version A, B, C, and D better. I'll find
> > it, copy it, and email it to you. It's my understanding that the 300E was
> > 800Mhz only but I'm not 100% sure about that. I've never heard of a 300S+.
> > If you find out please let me know.
> > Gary R.
> >
> > -----Original Message-----
> > From: Motorola_R-1801@yahoogroups.com
> > [mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of Charles
> > Sent: Thursday, December 08, 2011 7:24 PM
> > To: Motorola_R-1801@yahoogroups.com
> > Subject: [Motorola_R-1801] Re: R1801 Help
> >
> > Andy,
> > Great this is what I needed. I found out I have
> > MCX100PD
> > MX300-S
> > MCX100-F
> > MX300-E
> > SyntorF
> > MX300-S+
> > Right now I need to walk before I run and I want to learn how to program the
> > MX's.
> > I have a RTL-5805C adapter so I should be ok.
> >
> > A big help would be the programming manual for the RTL4809

> >
> > Can you tell me what the different versions do:
> > 300-S
> > 300-E
> > 300-S+
> >
> > Charles
> >
> >
> > --- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@> wrote:
> > >
> > > Charles -
> > >
> > >
> > >
> > > Welcome to the group.
> > >
> > >
> > >
> > > Power your R1801 up and Type / L (Hold the shift key, press L release
> > shift
> > > key and press L) then enter.
> > >
> > >
> > >
> > > This will list all of the ROMS installed in the R1801, post back and we
> > can
> > > decode what you have.
> > >
> > >
> > >
> > > 73's
> > >
> > >
> > >
> > > Andy
> > > ---
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> > > FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> > > http://www.brinkleyelectronics.com
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> > ---
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> > Yahoo! Groups Links
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189. Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2011-12-29 01:06:19 UTC
From: Raye N8NAP
Topic: 187 Message: 189

If your radio is only 8 or 16 mode, you may be able to reprogram the upper half of an existing fuse link prom provided it was left blank above ch 8 or 16.

--- In Motorola_R-1801@yahoogroups.com, "Charles" <charles.gamelin@...> wrote:
>
> Hi,
> Does Anyone have information they can share with me on the
> MX300 - S PROM 6880310A24 - Manual
> Prom RTL-4809C
> Adapter RTL-5805C
>
> This is the Prom/Adapter setup I have but I have the information for the RLN4030 and RLN 4070 adapter and not sure if it is similar?
>
> Charles
>

190. Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2011-12-29 03:37:37 UTC
From: JKeasling@aol.com
Topic: 190 Message: 190

Hi I have the RTL4070A EPROM adaptor and was wondering if anyone in the group has the manual/ schematic for the RTL4070B adaptor. The A version I have will only program "C" version EPROMS but the B adaptor will program C and D version EPROMS. There has to be only minor changes to the adaptor, and modifying it to the "B" version should be possible. If any one has the schematic, I will post the needed modifications after I have tested them.

Thanks in advance,

John

191. RTL4070 Schematic

Yahoo group: Motorola_R-1801
Date: 2011-12-29 13:45:45 UTC
From: Andy Brinkley
Topic: 190 Message: 191

The schematic is in the files section in the MX300 folder.

Andy

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192. RE: [Motorola_R-1801] RTL4070 Schematic

Yahoo group: Motorola_R-1801
Date: 2011-12-29 13:50:36 UTC
From: Andy Brinkley
Topic: 190 Message: 192

Whoops, thought the schematic was for the "B" version. I'll dig through my files and see what I can find

Andy

193. Thanks for letting me join the group

Yahoo group: Motorola_R-1801
Date: 2012-01-14 14:40:26 UTC
From: ve3jrn
Topic: 193 Message: 193

I have learned more in 5 min from this group than I did searching for 3 months on line. I have a R-1801a with 1K of ram
on board. How hard is it to upgrade the ram or should I bother?
Thank you
Ron

194. Re: [Motorola_R-1801] RTL4070 Schematic

Yahoo group: Motorola_R-1801
Date: 2012-01-14 15:08:28 UTC
From: JKeasling@aol.com
Topic: 190 Message: 194

Andy
Were you ever able to find a schematic of the "B" version RTL4070 adaptor?

Thanks,
John

In a message dated 12/29/2011 8:50:12 A.M. Eastern Standard Time,
nc4ab@... writes:

Whoops, thought the schematic was for the “B” version. I’ll dig through
my files and see what I can find

Andy

195. Re: Thanks for letting me join the group

Yahoo group: Motorola_R-1801
Date: 2012-01-14 23:02:03 UTC
From: Raye N8NAP
Topic: 193 Message: 195

You only need to upgrade the ram if the application software calls for it. I think it uses something like 2114 chips. I have seen the onboard ones fail, if they do, use a vacuum desoldering station and install sockets for the 4 chips. the optional 3 banks have sockets already. I think MSF 5000 and mostar needed the 4k, maybe MCX's as well.

--- In Motorola_R-1801@yahoogroups.com, "ve3jrn" <ve3jrn@...> wrote:
>
> I have learned more in 5 min from this group than I did searching for 3 months on line. I have a R-1801a with 1K of ram
> on board. How hard is it to upgrade the ram or should I bother?
> Thank you
> Ron
>

196. RE: [Motorola_R-1801] Re: Thanks for letting me join the group

Yahoo group: Motorola_R-1801
Date: 2012-01-15 13:11:41 UTC
From: Andy Brinkley
Topic: 193 Message: 196

Ray is correct, it is a 2114 RAM, they were widely used in the early (PACMAN type) arcade video games and are still available on line for around $3.00 each

Andy

197. Re: Thanks for letting me join the group

Yahoo group: Motorola_R-1801
Date: 2012-01-16 21:50:09 UTC
From: Raye N8NAP
Topic: 193 Message: 197

Please replace all with the same mfg and speed. Some aps required 2k others the full 4
Raye.

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> Raye is correct, it is a 2114 RAM, they were widely used in the early (PACMAN
> type) arcade video games and are still available on line for around $3.00
> each
>
>
>
> Andy
>

198. READER/CODEPLUG ERROR??

Yahoo group: Motorola_R-1801
Date: 2012-04-20 21:58:05 UTC
From: Marc
Topic: 198 Message: 198

Hi all,

I am trying to program an EPROM for a C64CLB with the 1801 and MSF adapter. This programmer was used to program this very codeplug about 10 years ago. Now the programmer gives a message that says READER/CODEPLUG not installed. I don't know why.

I have checked and cleaned all of the connectors between the programmer/reader and reader/adapter.

Any thoughts or suggestions?

I am trying to re-freq the station. Any insight to the MSF via PC and EPROM programmer?

Thanks,

Marc

199. R-1801a Manual

Yahoo group: Motorola_R-1801
Date: 2012-04-21 16:18:58 UTC
From: ve3jrn
Topic: 199 Message: 199

Hi
I am wondering if the is a manual available for the R-1801a or where I can get a copy of one.

Thank you

73 Ron VE3JRN

200. Re: READER/CODEPLUG ERROR??

Yahoo group: Motorola_R-1801
Date: 2012-04-21 16:40:50 UTC
From: roytisoy
Topic: 198 Message: 200
Attachments: 1 described; binary payloads are missing from this source WARC

Do you have all three cables connected from the lower to the upper units?

201. Re: READER/CODEPLUG ERROR??

Yahoo group: Motorola_R-1801
Date: 2012-04-21 23:52:29 UTC
From: Marc
Topic: 198 Message: 201

Yes. The way this unit is behaving is as if the lower and upper units are not talking to each other. When I try to read, the display says "setup hardware". When I try to write, the display says "reader/programmer prom adapter not installed" or something like that.

The MSF adapter is a version B. The MSF firmware is version 0.8 The analyzer version is "a".

Thanks,

Marc

--- In Motorola_R-1801@yahoogroups.com, roytisoy <roytisoy@...> wrote:
>
> Do you have all three cables connected from the lower to the upper units?
>

202. R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-24 23:24:07 UTC
From: Marc
Topic: 202 Message: 202

Hi,

It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.

Thank You,

Marc

203. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-27 14:33:23 UTC
From: Raye N8NAP
Topic: 202 Message: 203

verify there isn't a broken wire in the DB9 power cable.

--- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@...> wrote:
>
> Hi,
>
> It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.
>
> Thank You,
>
> Marc
>

205. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-27 15:01:37 UTC
From: Marc
Topic: 202 Message: 205

It has been verified. The reader/programmer section was tried on a known working analyzer section. It is defective. There are two IC's that are burned to a crisp, and one bad regulator IC at the minimum.

Schematic needed to repair the faulty reader/programmer unit.

Thank You,

Marc WR2I

--- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@...> wrote:
>
> verify there isn't a broken wire in the DB9 power cable.
>
>
> --- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@> wrote:
> >
> > Hi,
> >
> > It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.
> >
> > Thank You,
> >
> > Marc
> >
>

206. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-27 16:18:18 UTC
From: Raye N8NAP
Topic: 202 Message: 206

if you need ic part numbers, i can open mine and get you the #'s. use sockets when replacing them.
see if any of the teardrop tantalums are shorted and perhaps add a fuse to the input of the regulator.

Sorry, no further info on the PC based programmer, 1801's are going as low as $100 on ebay.

--- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@...> wrote:
>
> It has been verified. The reader/programmer section was tried on a known working
> analyzer section. It is defective. There are two IC's that are burned to a crisp, and one bad regulator IC at the minimum.
>
> Schematic needed to repair the faulty reader/programmer unit.
>
> Thank You,
>
> Marc WR2I
>
> --- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@> wrote:
> >
> > verify there isn't a broken wire in the DB9 power cable.
> >
> >
> > --- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@> wrote:
> > >
> > > Hi,
> > >
> > > It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.
> > >
> > > Thank You,
> > >
> > > Marc
> > >
> >
>

207. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-27 15:46:07 UTC
From: Raye N8NAP
Topic: 202 Message: 207

If you simply need the IC p/n's I can open mine up. I'm wondering if you haven't had a teardrop tantalum cap short or a bad program pack.

I would also socket all IC's, have seen the soldered in ram fail.
Try to get ceramic rather than plastic ic's. and maybe fuse the input to the burned regulator.

As for your email question on the PC based programmer, I've not heard more on a working version. You can get complete 1801's with no program packs on ebay for $100.

--- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@...> wrote:
>
> It has been verified. The reader/programmer section was tried on a known working
> analyzer section. It is defective. There are two IC's that are burned to a crisp, and one bad regulator IC at the minimum.
>
> Schematic needed to repair the faulty reader/programmer unit.
>
> Thank You,
>
> Marc WR2I
>
> --- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@> wrote:
> >
> > verify there isn't a broken wire in the DB9 power cable.
> >
> >
> > --- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@> wrote:
> > >
> > > Hi,
> > >
> > > It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.
> > >
> > > Thank You,
> > >
> > > Marc
> > >
> >
>

208. Re: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-29 10:48:17 UTC
From: Marc
Topic: 202 Message: 208

Hi Raye,

Thanks for the offer. I need the voltage levels as well. I have two non functioning units here. So, I know what the part numbers are, as one is not burnt, but still non functioning.

I really need a schematic with voltages to get these going.

Thanks,

Marc WR2I (I'm an EXMo also).

--- On Fri, 4/27/12, Raye N8NAP <n8nap@...> wrote:

From: Raye N8NAP <n8nap@...>
Subject: [Motorola_R-1801] Re: R1801 Schematic needed
To: Motorola_R-1801@yahoogroups.com
Date: Friday, April 27, 2012, 11:46 AM

If you simply need the IC p/n's I can open mine up. I'm wondering if you haven't had a teardrop tantalum cap short or a bad program pack.

I would also socket all IC's, have seen the soldered in ram fail.

Try to get ceramic rather than plastic ic's. and maybe fuse the input to the burned regulator.

As for your email question on the PC based programmer, I've not heard more on a working version. You can get complete 1801's with no program packs on ebay for $100.

--- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@...> wrote:

>

> It has been verified. The reader/programmer section was tried on a known working

> analyzer section. It is defective. There are two IC's that are burned to a crisp, and one bad regulator IC at the minimum.

>

> Schematic needed to repair the faulty reader/programmer unit.

>

> Thank You,

>

> Marc WR2I

>

> --- In Motorola_R-1801@yahoogroups.com, "Raye N8NAP" <n8nap@> wrote:

> >

> > verify there isn't a broken wire in the DB9 power cable.

> >

> >

> > --- In Motorola_R-1801@yahoogroups.com, "Marc" <wr2i@> wrote:

> > >

> > > Hi,

> > >

> > > It has been determined that the reader/programmer portion of my 1801 is faulty. If there is a schematic or service manual out there for download it would be most appreciated.

> > >

> > > Thank You,

> > >

> > > Marc

> > >

> >

>

209. RE: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-29 14:47:56 UTC
From: Andy Brinkley
Topic: 202 Message: 209

I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.

Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, I'll be happy with 2 out of 3)

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

210. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-30 11:52:45 UTC
From: ve3jrn
Topic: 202 Message: 210

Hi
I was wondering if I could get a copy as well?
Thank You
73 VE3JRN (Retired London Fire}

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.
>
>
>
> Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, Iâ□□ll be happy with 2 out of 3)
>
>
>
>
>
> Andy
> ---
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> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> http://www.brinkleyelectronics.com
>

211. RE: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-04-30 13:46:32 UTC
From: Marc
Topic: 202 Message: 211

Thank you Andy.

The voltage charts/levels will be very important to be legible. I hope it works out.

Marc

--- On Sun, 4/29/12, Andy Brinkley <nc4ab@...> wrote:

From: Andy Brinkley <nc4ab@...>
Subject: RE: [Motorola_R-1801] Re: R1801 Schematic needed
To: Motorola_R-1801@yahoogroups.com
Date: Sunday, April 29, 2012, 10:47 AM

I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section. Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, I'll be happy with 2 out of 3) Andy
---
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FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

212. RE: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-06 18:18:47 UTC
From: Marc
Topic: 202 Message: 212

Hi Andy,

I replaced a few parts in one of the programmers today.The good news is there are no blown fuses or smoke. The bad news is, I am getting PROGRAM ERROR after it tries to write to the EPROM. I checked the codeplug IC in my standalone EPROM programmer (not the 1801) and it is fine. I also tried a second chip, same problem.So, apparently there are still issues with the unit.

I am out of time and need an EPROM programmed for a MSF CLB before Friday of this week. I need one amateur freq programmed.

I would be interested in what you can do for me at this point, as I understand you offer a programming service.

Thanks,

Marc WR2I

--- On Sun, 4/29/12, Andy Brinkley <nc4ab@...> wrote:

From: Andy Brinkley <nc4ab@bellsouth.net>
Subject: RE: [Motorola_R-1801] Re: R1801 Schematic needed
To: Motorola_R-1801@yahoogroups.com
Date: Sunday, April 29, 2012, 10:47 AM

I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section. Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, I'll be happy with 2 out of 3) Andy
---
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http://www.brinkleyelectronics.com

213. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-07 17:27:58 UTC
From: Raye N8NAP
Topic: 202 Message: 213

Even though you get a programming error, does the 2732A code plug work? you are using 2732A's and not 2732B's, correct?

Can it read a known good 2732A? (make backup coppies first in case it's blowing them)

--- In Motorola_R-1801@yahoogroups.com, Marc <wr2i@...> wrote:
>
> Hi Andy,
>
> I replaced a few parts in one of the programmers today.The good news is there are no blown fuses or smoke. The bad news is, I am getting PROGRAM ERROR after it tries to write to the EPROM. I checked the codeplug IC in my standalone EPROM programmer (not the 1801) and it is fine. I also tried a second chip, same problem.So, apparently there are still issues with the unit.
>
> I am out of time and need an EPROM programmedÂ for a MSF CLB before Friday of this week. I need one amateur freq programmed.
>
> I would be interested in what you can do for me at this point, as I understand you offer a programming service.
>
> Thanks,
>
> Marc WR2I
>
> --- On Sun, 4/29/12, Andy Brinkley <nc4ab@...> wrote:
>
> From: Andy Brinkley <nc4ab@...>
> Subject: RE: [Motorola_R-1801] Re: R1801 Schematic needed
> To: Motorola_R-1801@yahoogroups.com
> Date: Sunday, April 29, 2012, 10:47 AM
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> I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.Â Â Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, Iâ□□ll be happy with 2 out of 3) Â Â Andy
> ---
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> http://www.brinkleyelectronics.com
>
> Â
>

214. R1801 Schematics

Yahoo group: Motorola_R-1801
Date: 2012-05-09 00:34:07 UTC
From: Marc
Topic: 214 Message: 214

I can still use them to repair these units.

Thanks

215. R1801 is actually burning out EPROMS

Yahoo group: Motorola_R-1801
Date: 2012-05-22 11:33:12 UTC
From: Marc
Topic: 215 Message: 215

I bought some more EPROMS to play with and determined that the R1801 is actually burning the chip...literally. I just happened to look at the chip in the adapter while it was to be programmed and witnessed a flash of light in the erase window. I checked the chip in my EPROM programmer and it was DOA.

Until I get schematics to repair these two R1801's, they are junk.

I have a programmed chip now, that got the station on the air for now.

Marc

216. Re: [Motorola_R-1801] R1801 is actually burning out EPROMS

Yahoo group: Motorola_R-1801
Date: 2012-05-23 17:33:10 UTC
From: Mike Morris
Topic: 215 Message: 216

At 04:33 AM 05/22/12, you wrote:

>I bought some more EPROMS to play with and determined that the R1801
>is actually burning the chip...literally. I just happened to look at
>the chip in the adapter while it was to be programmed and witnessed
>a flash of light in the erase window. I checked the chip in my EPROM
>programmer and it was DOA.
>
>Until I get schematics to repair these two R1801's, they are junk.
>
>I have a programmed chip now, that got the station on the air for now.
>
>Marc

What is the part number of the chips that are being blown?

2732s ran on 5v for reading and came in both 12.5v and 21v
versions for programming, and the adapters that plug into the
R1800/1801 were wired differently.
I've seen one that had a switch (probably a owner-done mod)
that selected between the two voltages.

It's possible that you have a 21v programmer module and you
were sold 12v programming voltage chips.

And I once blew a 2732 by putting it in the socket backwards.
Glowed real pretty for a moment...

Mike

217. Re: [Motorola_R-1801] R1801 is actually burning out EPROMS

Yahoo group: Motorola_R-1801
Date: 2012-05-23 17:53:31 UTC
From: Marc
Topic: 215 Message: 217

Mike,

No, they are 2732A's. I was able to program a chip in a working R1801. Mine are toast.

Marc

--- On Wed, 5/23/12, Mike Morris <wa6ilq1@verizon.net> wrote:

From: Mike Morris <wa6ilq1@...>
Subject: Re: [Motorola_R-1801] R1801 is actually burning out EPROMS
To: Motorola_R-1801@yahoogroups.com
Date: Wednesday, May 23, 2012, 1:33 PM

At 04:33 AM 05/22/12, you wrote:

>I bought some more EPROMS to play with and determined that the R1801

>is actually burning the chip...literally. I just happened to look at

>the chip in the adapter while it was to be programmed and witnessed

>a flash of light in the erase window. I checked the chip in my EPROM

>programmer and it was DOA.

>

>Until I get schematics to repair these two R1801's, they are junk.

>

>I have a programmed chip now, that got the station on the air for now.

>

>Marc

What is the part number of the chips that are being blown?

2732s ran on 5v for reading and came in both 12.5v and 21v

versions for programming, and the adapters that plug into the

R1800/1801 were wired differently.

I've seen one that had a switch (probably a owner-done mod)

that selected between the two voltages.

It's possible that you have a 21v programmer module and you

were sold 12v programming voltage chips.

And I once blew a 2732 by putting it in the socket backwards.

Glowed real pretty for a moment...

Mike

218. Re: R1801 is actually burning out EPROMS

Yahoo group: Motorola_R-1801
Date: 2012-05-24 12:36:19 UTC
From: Raye N8NAP
Topic: 215 Message: 218

2732 2732A 2732B use different voltages and timing. only 2 are supported by the 1801.

Ok, as I mentioned earlier, in the troubleshooting threads, It sounds like the programming voltage regulator/ sense circuit is blown.
Part is in the program adapter, part in the top half and software in the bottom Shorted pins on the adapters tell the firmware if you have the correct pack and there's a couple resistors set the voltage divider thru the connector as well. Something may have ESD'd it.

--- In Motorola_R-1801@yahoogroups.com, Marc <wr2i@...> wrote:
>
> Mike,
>
> No, they are 2732A's. I was able to program a chip in a working R1801. Mine are toast.
>
> Marc
>
> --- On Wed, 5/23/12, Mike Morris <wa6ilq1@...> wrote:
>
> From: Mike Morris <wa6ilq1@...>
> Subject: Re: [Motorola_R-1801] R1801 is actually burning out EPROMS
> To: Motorola_R-1801@yahoogroups.com
> Date: Wednesday, May 23, 2012, 1:33 PM
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>
> At 04:33 AM 05/22/12, you wrote:
>
>
>
> >I bought some more EPROMS to play with and determined that the R1801

>
> >is actually burning the chip...literally. I just happened to look at
>
> >the chip in the adapter while it was to be programmed and witnessed
>
> >a flash of light in the erase window. I checked the chip in my EPROM
>
> >programmer and it was DOA.
>
> >
>
> >Until I get schematics to repair these two R1801's, they are junk.
>
> >
>
> >I have a programmed chip now, that got the station on the air for now.
>
> >
>
> >Marc
>
>
>
> What is the part number of the chips that are being blown?
>
>
>
> 2732s ran on 5v for reading and came in both 12.5v and 21v
>
> versions for programming, and the adapters that plug into the
>
> R1800/1801 were wired differently.
>
> I've seen one that had a switch (probably a owner-done mod)
>
> that selected between the two voltages.
>
>
>
> It's possible that you have a 21v programmer module and you
>
> were sold 12v programming voltage chips.
>
>
>
> And I once blew a 2732 by putting it in the socket backwards.
>
> Glowed real pretty for a moment...
>
>

>
> Mike
>

219. Re: [Motorola_R-1801] Re: R1801 is actually burning out EPROMS

Yahoo group: Motorola_R-1801
Date: 2012-05-24 12:53:07 UTC
From: Marc
Topic: 215 Message: 219

Hi Raye,

One voltage regulator and two opamps have been replaced already. Without the schematic and voltage chart/levels, I will never get this working. I am sure there is more to fix in the 1801. The programming adapter is fine, as I used it in a working 1801 to get my codeplug programmed. Also, there are no active components in that adapter.

Based on my experience with a known working 1801, my chips are good, the adapter is good, the MSF firmware is good. My 1801's are both bad.

Thanks,

Marc

--- On Thu, 5/24/12, Raye N8NAP <n8nap@...> wrote:

From: Raye N8NAP <n8nap@yahoo.com>
Subject: [Motorola_R-1801] Re: R1801 is actually burning out EPROMS
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, May 24, 2012, 8:36 AM

2732 2732A 2732B use different voltages and timing. only 2 are supported by the 1801.

Ok, as I mentioned earlier, in the troubleshooting threads, It sounds like the programming voltage regulator/ sense circuit is blown.

Part is in the program adapter, part in the top half and software in the bottom Shorted pins on the adapters tell the firmware if you have the correct pack and there's a couple resistors set the voltage divider thru the connector as well. Something may have ESD'd it.

--- In Motorola_R-1801@yahoogroups.com, Marc <wr2i@...> wrote:

>

> Mike,

>

> No, they are 2732A's. I was able to program a chip in a working R1801. Mine are toast.

>

> Marc

>

> --- On Wed, 5/23/12, Mike Morris <wa6ilq1@...> wrote:

>

> From: Mike Morris <wa6ilq1@...>

> Subject: Re: [Motorola_R-1801] R1801 is actually burning out EPROMS

> To: Motorola_R-1801@yahoogroups.com

> Date: Wednesday, May 23, 2012, 1:33 PM

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> At 04:33 AM 05/22/12, you wrote:

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>

>

> >I bought some more EPROMS to play with and determined that the R1801

>

> >is actually burning the chip...literally. I just happened to look at

>

> >the chip in the adapter while it was to be programmed and witnessed

>

> >a flash of light in the erase window. I checked the chip in my EPROM

>

> >programmer and it was DOA.

>

> >

>

> >Until I get schematics to repair these two R1801's, they are junk.

>

> >

>

> >I have a programmed chip now, that got the station on the air for now.

>

> >

>

> >Marc

>

>

>

> What is the part number of the chips that are being blown?

>

>

>

> 2732s ran on 5v for reading and came in both 12.5v and 21v

>

> versions for programming, and the adapters that plug into the

>

> R1800/1801 were wired differently.

>

> I've seen one that had a switch (probably a owner-done mod)

>

> that selected between the two voltages.

>

>

>

> It's possible that you have a 21v programmer module and you

>

> were sold 12v programming voltage chips.

>

>

>

> And I once blew a 2732 by putting it in the socket backwards.

>

> Glowed real pretty for a moment...

>

>

>

> Mike

>

220. Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-24 14:30:09 UTC
From: ve3jrn
Topic: 202 Message: 220

Hi
Have you scanned the manual yet and if so may I get a copy please.
73 Ron VE3JRN

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:
>
> I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.
>
>
>
> Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, Iâ☐☐ll be happy with 2 out of 3)
>
>
>
>
>
> Andy
> ---
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> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
> http://www.brinkleyelectronics.com
>

221. Re: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-24 14:49:53 UTC
From: Marc
Topic: 202 Message: 221

Ron,

I have checked the files section regularly, but did not see them there, so I would assume that Andy was not able to get that done.

Marc

--- On Thu, 5/24/12, ve3jrn <ve3jrn@...> wrote:

From: ve3jrn <ve3jrn@...>
Subject: [Motorola_R-1801] Re: R1801 Schematic needed
To: Motorola_R-1801@yahoogroups.com
Date: Thursday, May 24, 2012, 10:30 AM

Hi

Have you scanned the manual yet and if so may I get a copy please.

73 Ron VE3JRN

--- In Motorola_R-1801@yahoogroups.com, "Andy Brinkley" <nc4ab@...> wrote:

>

> I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.

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>

>

> Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, Iâ€™ll be happy with 2 out of 3)

>

>

>

>

>

> Andy

> ----------

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> FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761

> http://www.brinkleyelectronics.com

>

222. Re: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-24 18:27:57 UTC
From: Mike Morris
Topic: 202 Message: 222

At 07:49 AM 05/24/12, you wrote:
>
>Ron,
>
>I have checked the files section regularly, but did not see them
>there, so I would assume that Andy was not able to get that done.
>
>Marc

If ANYONE has any scanned manuals, either for the
suitcase or for the adapters, please forward them to me.

If anyone would like to do a "photo tour" of a suitcase,
please let me know. The photos would include the exterior
and interior of the R1801 and the adapters.
FYI, a "photo tour" article is a detailed writeup with photos.
Please look here for a sample - it's a very detailed examination
of three MSF5000s... I'm not expecting anything this extensive.
<http://www.repeater-builder.com/motorola/msf/msf-tour.html>

Anyway, I'd like to see enough info that it's worth doing a
separate suitcase web page with any manual or adapter PDFs.
I'll even put PROM images there if I can get them.

Mike

223. Re: [Motorola_R-1801] Re: R1801 Schematic needed

Yahoo group: Motorola_R-1801
Date: 2012-05-25 00:56:54 UTC
From: Dave Perso
Topic: 202 Message: 223

The majority of the problems in the reader/programmer board was caused by U5, U6, U7 & the darlington transistors tied to their outputs. U5,6,&7 are physically located between the DB25 connectors going up vertically. The darlingtons are the black transistors in a vertical column just to the right of the three ICs. U4 usually is the cause of adaptor ID errors. Unfortunately I don't remember the part numbers.

Dave (I used to work at Motorola's Test Equipment Service Center on the R1801 system).

From: Marc
Sent: Sunday, May 06, 2012 1:18 PM
To: Motorola_R-1801@yahoogroups.com
Subject: RE: [Motorola_R-1801] Re: R1801 Schematic needed

Hi Andy,

I replaced a few parts in one of the programmers today.The good news is there are no blown fuses or smoke. The bad news is, I am getting PROGRAM ERROR after it tries to write to the EPROM. I checked the codeplug IC in my standalone EPROM programmer (not the 1801) and it is fine. I also tried a second chip, same problem.So, apparently there are still issues with the unit.

I am out of time and need an EPROM programmed for a MSF CLB before Friday of this week. I need one amateur freq programmed.

I would be interested in what you can do for me at this point, as I understand you offer a programming service.

Thanks,

Marc WR2I

--- On Sun, 4/29/12, Andy Brinkley <nc4ab@...> wrote:

From: Andy Brinkley <nc4ab@...>
Subject: RE: [Motorola_R-1801] Re: R1801 Schematic needed
To: Motorola_R-1801@yahoogroups.com
Date: Sunday, April 29, 2012, 10:47 AM

I have the manuals for the 1801, will scan the schematic and parts list on Monday and put them in the files section.

Apologies beforehand for the scan quality, my scanner it is on its last legs, any recommendations for a good, new cheap one (OK, I'll be happy with 2 out of 3)

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761

http://www.brinkleyelectronics.com

224. Selling

Yahoo group: Motorola_R-1801
Date: 2012-09-05 12:49:59 UTC
From: nikytim@btinternet.com
Topic: 224 Message: 224

Hello, i have to sell
1, Motorola R-1801A/M
2, Motorola Radio Test System 2960
3, Motorola Radio Communications Test Set 2955

If these are of any interest to any of the members please get in touch. I'm based in the UK (WALES)

Regards

225. A Couple of questions on MX300 Programming

Yahoo group: Motorola_R-1801
Date: 2013-02-20 01:25:51 UTC
From: Gary Sanders
Topic: 225 Message: 225

Hello All.....

I'm new to the group, and also new to the R-1801A, so I'm still a little baffled by the intricacies of the beast.

I just picked up a R1801A at a hamfest recently, along with some assorted adapters and proms.

I was able to sort out that (among others) I had a RTL-5805C adapter and RTL-4809B-D Prom, which I was able to EXPAND a MX300-S prom with.

However, I tried to read a few RLN1005A Proms, and even though I know they had TX and RX freqs programmed into them, they always showed as "Prom Blank" (or similar message).

Is it possible that these are EPROMS, even though they have an "A" suffix? I could only find one reference to the part number, which indicated it might be an EPROM, but I just don't know.

I have another related question on MX300's, but I'll put it in a separate message.

Thanks for any info anyone can provide....

Gary Sanders

226. Proper Prom for RLN-1070A

Yahoo group: Motorola_R-1801
Date: 2013-02-20 01:45:06 UTC
From: Gary Sanders
Topic: 226 Message: 226

As I said in another thread, I recently bought an R-1801A Programmer with assorted Adapters and Program Proms.

I have a RLN-4070A Adapter that I want to use to program MX300-S Eproms, but I don't have a Program Prom for it.

I may be able to get a RLN-4030B Prom, but I've discovered that with R-1801A adapters and Program Proms, the P/N suffix can be important.

So the question: Is the RLN-4030B Prom compatible with the RLN-4070A Adapter?

As I mentioned in another thread, if the RLN1005A is a MX300S Eprom, that's what I'd be programming.

Thanks in advance for any info.....

Gary Sanders

227. Re: A Couple of questions on MX300 Programming

Yahoo group: Motorola_R-1801
Date: 2013-02-20 17:57:56 UTC
From: djp1262003
Topic: 225 Message: 227

Hi Gary & welcoe to the group.

The RTL5805 adapter and RTL4809 firmware are used for the old bi-polar proms used in the R1801. For the eproms you need the RLN4030 and RLN4070 adaptor and firmware. IIRC the program name is MX300S+. Each adapter was designed for a specific prom or eprom which is why the eprom won't read when the 1801 is looking for a prom.

Dave

--- In Motorola_R-1801@yahoogroups.com, Gary Sanders <yahoomail3847@...> wrote:
>
> Hello All.....
>
> I'm new to the group, and also new to the R-1801A, so I'm still a little
> baffled by the intricacies of the beast.
>
> I just picked up a R1801A at a hamfest recently, along with some
> assorted adapters and proms.
>
> I was able to sort out that (among others) I had a RTL-5805C adapter and
> RTL-4809B-D Prom, which I was able to EXPAND a MX300-S prom with.
>
> However, I tried to read a few RLN1005A Proms, and even though I know
> they had TX and RX freqs programmed into them, they always showed as
> "Prom Blank" (or similar message).
>
> Is it possible that these are EPROMS, even though they have an "A"
> suffix? I could only find one reference to the part number, which
> indicated it might be an EPROM, but I just don't know.
>
> I have another related question on MX300's, but I'll put it in a
> separate message.
>
> Thanks for any info anyone can provide....
>
> Gary Sanders
>

228. Re: A Couple of questions on MX300 Programming

Yahoo group: Motorola_R-1801
Date: 2013-02-21 20:53:56 UTC
From: Raye N8NAP
Topic: 225 Message: 228

The original devices were fuse link diode arrays and they required external pullup resistors .
You may be able to program the second bank in them if your radio is only 8 channels. You then jump the contacts where either the R/D or the ABCD bank switch was soldered in.
It does require the original programming pod and firmware, I don't remember it saying prom not blankas long as the first channels have the same frequencies in them
Raye

--- In Motorola_R-1801@yahoogroups.com, "djp1262003" <csvc20@...> wrote:
>
> Hi Gary & welcoe to the group.
>
> The RTL5805 adapter and RTL4809 firmware are used for the old bi-polar proms used in the R1801. For the eproms you need the RLN4030 and RLN4070 adaptor and firmware. IIRC the program name is MX300S+. Each adapter was designed for a specific prom or eprom which is why the eprom won't read when the 1801 is looking for a prom.
>
> Dave
>
> --- In Motorola_R-1801@yahoogroups.com, Gary Sanders <yahoomail3847@> wrote:
> >
> > Hello All.....
> >
> > I'm new to the group, and also new to the R-1801A, so I'm still a little
> > baffled by the intricacies of the beast.
> >
> > I just picked up a R1801A at a hamfest recently, along with some
> > assorted adapters and proms.
> >
> > I was able to sort out that (among others) I had a RTL-5805C adapter and
> > RTL-4809B-D Prom, which I was able to EXPAND a MX300-S prom with.
> >
> > However, I tried to read a few RLN1005A Proms, and even though I know
> > they had TX and RX freqs programmed into them, they always showed as
> > "Prom Blank" (or similar message).
> >
> > Is it possible that these are EPROMS, even though they have an "A"
> > suffix? I could only find one reference to the part number, which
> > indicated it might be an EPROM, but I just don't know.
> >
> > I have another related question on MX300's, but I'll put it in a
> > separate message.
> >
> > Thanks for any info anyone can provide....
> >

> > Gary Sanders
> >
>

229. Printing from the R1801

Yahoo group: Motorola_R-1801
Date: 2013-09-04 14:58:20 UTC
From: <ldanna@...>
Topic: 229 Message: 229

I need to know about being able to print out code plug info . My unit has i/o 5 and 6 and 8 connectors . Can I use a Parallell printer or do I need an older RS232 capable printer. Or is there an adapter needed.

Thanks for any insight

Larry

230. Re: [Motorola_R-1801] Printing from the R1801

Yahoo group: Motorola_R-1801
Date: 2013-09-05 00:40:04 UTC
From: Dave Perso
Topic: 229 Message: 230

From: ldanna@...
Sent: Wednesday, September 04, 2013 9:58 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Printing from the R1801

I need to know about being able to print out code plug info . My unit has i/o 5 and 6 and 8 connectors . Can I use a Parallell printer or do I need an older RS232 capable printer. Or is there an adapter needed.

Thanks for any insight

Larry

The print routines are in the firmware of individual programs, some print, some don't. IIRC the print routines are written to the old Epson MX/RX80 dot matrix series of printers. They are a parallel print format but the R1801 does require a special interface cable to go from the 25 pin connector to the 36 pin connector on the printer. Unfortunately, I do NOT have the pin out for this cable.

Dave

231. RE: [Motorola_R-1801] Printing from the R1801

Yahoo group: Motorola_R-1801
Date: 2013-09-05 02:58:31 UTC
From: Andy Brinkley
Topic: 229 Message: 231

The printer cable is for a parallel printer, the diagram of the cable pin out is in the files section, most of the programs use IO 5 for the printer connection.

Andy

NC Certified Firefighter III / EMT-A
FCC Licensed Technician / Amateur Call NC4AB / Echolink Node 5761
http://www.brinkleyelectronics.com

232. OT - Looking for Green MSF5000 Combining Tee for UHF (P/N TLE5732B)

Yahoo group: Motorola_R-1801
Date: 2013-10-17 00:19:18 UTC
From: Andy Brinkley
Topic: 232 Message: 232

Subject line pretty much covers it, email if you might have such an animal.

Thanks

Andy

233. Re: [Motorola_R-1801] OT - Looking for Green MSF5000 Combining Tee for UHF (P/N TLE5732B)

Yahoo group: Motorola_R-1801
Date: 2013-10-19 14:21:03 UTC
From: John Keasling
Topic: 232 Message: 233
Attachments: 1 described; binary payloads are missing from this source WARC

Andy
Attached is a drawing of the exact cable measurements for the combining tee. It might help if you wanted to build one.

Regards,

John

-----Original Message-----
From: Andy Brinkley <nc4ab@...>
To: Motorola_R-1801 <Motorola_R-1801@yahoogroups.com>
Sent: Wed, Oct 16, 2013 8:19 pm
Subject: [Motorola_R-1801] OT - Looking for Green MSF5000 Combining Tee for UHF (P/N TLE5732B)

Subject line pretty much covers it, email if you might have such an animal.

Thanks

Andy

234. 1801 Programmer not working

Yahoo group: Motorola_R-1801
Date: 2014-04-02 15:02:12 UTC
From: <jimk8cop@...>
Topic: 234 Message: 234

I have not used this programmer for abt 2 yrs. Went to turn it on, it beeps, no display except for one dot showing, and the fan is running. Tried the keyboard without any response.

Any ideas where to start trouble shooting at that is a common issue with this programmers?

Regards,

Jim, K8COP

235. Module manual scans on-line

Yahoo group: Motorola_R-1801
Date: 2014-04-19 16:41:18 UTC
From: <wb6nvh@...>
Topic: 235 Message: 235

I wouldn't have thought to look there, but I have found that the most useful manuals for the R-1800 series programmer socket modules, such as those for the MX-300S and Syntor X, have been scanned into pdf form by a kind soul and are located over on the P25 forums in the Test Equipment category.
https://www.p25.ca/threads/1340-Motorola-R1801-Analyser-Controller-Suitcase-Programmer
https://www.p25.ca/threads/1340-Motorola-R1801-Analyser-Controller-Suitcase-Programmer

The scans are even good enough that you can actually read them after printing...
You will have to join the group to download the documents. The manual for the programmer itself is also there as a scan.

Geoff
WB6NVH

236. Programming PURC5000 VHF and UHF

Yahoo group: Motorola_R-1801
Date: 2014-04-30 13:14:57 UTC
From: <krmjqo@...>
Topic: 236 Message: 236

I need to program a VHF and UHF PURC5000 stations.

What firmware package is needed to do this?

Is it the same package for analog MSF5000 stations?

Is the adapter for the MSF5000 the same one used for programming the PURC stations?

IF not, what adapter is needed?

237. RE: [Motorola_R-1801] Programming PURC5000 VHF and UHF

Yahoo group: Motorola_R-1801
Date: 2014-05-01 19:37:31 UTC
From: Andy Brinkley
Topic: 236 Message: 237

IIRC Version 6 or higher of the MSF firmware allowed PURC programming, adapter card (RTL-5817B) is the same for both MSFs and PURCs.

The UHF/900 PURCs are programmed much the same as the MSF stations – punch in the model number and start entering the data.

The VHF’s are another animal and require quite a bit of hex editing.

Andy
---
http://www.brinkleyelectronics.com

From: Motorola_R-1801@yahoogroups.com [mailto:Motorola_R-1801@yahoogroups.com] On Behalf Of krmjqo@...
Sent: Wednesday, April 30, 2014 9:15 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Programming PURC5000 VHF and UHF

I need to program a VHF and UHF PURC5000 stations.

What firmware package is needed to do this?

Is it the same package for analog MSF5000 stations?

Is the adapter for the MSF5000 the same one used for programming the PURC stations?

IF not, what adapter is needed?

238. MSF5000 Eproms

Yahoo group: Motorola_R-1801
Date: 2015-01-03 18:53:47 UTC
From: MZFB@...
Topic: 238 Message: 238

I understand that some Eproms will not work in the R-1801. I know I need the 2732 Eprom for the MSF5000 I just want to be sure to buy the proper one that will program correctly.
Thanks
Mike

239. Re: MSF5000 Eproms

Yahoo group: Motorola_R-1801
Date: 2015-01-05 02:47:34 UTC
From: nc4ab@...
Topic: 238 Message: 239

Mike -

Welcome to the group.

The R1801 will program either a 2732 or 2732A eprom. Most work fine but every once and a while I wind up with one that it will not program, never figured out a rhyme or reason as to why other than possibly just the age of the eprom.

Andy

240. Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-14 21:33:13 UTC
From: galesko@...
Topic: 190 Message: 240

I believe the A & B modules were EPROMS and not EEPROMS. Not re-programmable.

241. Re: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-15 01:39:03 UTC
From: M M
Topic: 190 Message: 241

At 01:33 PM 01/14/2015, you wrote:
>
>I believe the A & B modules were EPROMS and not
>EEPROMS. Not re-programmable.

True but the one-time programmable A & B modules are
usable - any unprogrammed channels can be programmed
with new channels.

Plus there is a web page somewhere that I saw and it shows
how a gentleman cannibalized an A or B module and made an
eeprom chip fit into it.

242. RE: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-15 02:23:54 UTC
From: Gary
Topic: 190 Message: 242

I think you mean Kerry, VK1KRF in Australia. Some years ago I exchanged a series of messages with him about this project. He said he completed it some years before, was happy with the results but had moved on to other interests. Here's a link;

http://www.qsl.net/vk1krf/MX300/MX300.htm

Gary

From: Motorola_R-1801@yahoogroups.com
[mailto:Motorola_R-1801@yahoogroups.com]
Sent: Wednesday, January 14, 2015 5:39 PM
To: Motorola_R-1801@yahoogroups.com
Subject: Re: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

<snip>
Plus there is a web page somewhere that I saw and it shows
how a gentleman cannibalized an A or B module and made an
eeprom chip fit into it.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5645 / Virus Database: 4260/8932 - Release Date: 01/14/15

243. Re: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-15 01:40:42 UTC
From: Mike / W5JR
Topic: 190 Message: 243

The A & B PROMs do have 4 banks of 16 channels each. The B bank is the default used, as I recall, and it's easy to program another bank with your desired channels. Then make the bank selection on the back of the radio board. I've often programmed one bank for repeaters and a second for "talk around", aka simplex on the output. Then if you have a spare switch, you have a "repeat/direct" selection.

tnx
Mike / W5JR

> On Jan 14, 2015, at 4:33 PM, galesko@... [Motorola_R-1801]
<Motorola_R-1801@yahoogroups.com> wrote:
>
>
>
> I believe the A & B modules were EPROMS and not EEPROMS. Not re-programmable.
>
>

244. Range checking

Yahoo group: Motorola_R-1801
Date: 2015-01-24 13:48:45 UTC
From: MZFB@...
Topic: 244 Message: 244

I got the R1801 programmer and was getting ready to enter the RF Data and the program asked if I wanted Range Checking. How should I enter that? what is the meaning of this I think I know but I'd like some clarification on this.

Thanks
Mike

245. Re: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-25 00:28:57 UTC
From: Jim Conrad
Topic: 190 Message: 245

A & B were strait PROMs. Fusible link type. Once programmed they are permanent. C & D and REX-1090A were EEPROMs.

http://www.oceanviewcom.com/ovc_mtprg.htm

At 04:33 PM 1/14/2015, galesko@... [Motorola_R-1801] wrote:

>I believe the A & B modules were EPROMS and not EEPROMS. Not
>re-programmable.

<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@...
757-560-5970 - 757-512-5710 Fax
Amateur Radio Callsign N4WFP
CAGE 0UD60 - http://www.oceanviewcom.com

246. Re: [Motorola_R-1801] Re: MX300 - S PROM 6880310A24 2WAY Manual

Yahoo group: Motorola_R-1801
Date: 2015-01-25 00:32:31 UTC
From: Jim Conrad
Topic: 190 Message: 246

It is true that you can SOMETIMES add additional frequencies to
unused A & B memory PROMs but sometimes that will destroy the whole
PROM. Motorola in the manuals warned against trying to add to/reburn
an A or B PROM.

At 08:39 PM 1/14/2015, M M wa6ilq@... [Motorola_R-1801] wrote:
>At 01:33 PM 01/14/2015, you wrote:
> >
> >I believe the A & B modules were EPROMS and not
> >EEPROMS. Not re-programmable.
>
>True but the one-time programmable A & B modules are
>usable - any unprogrammed channels can be programmed
>with new channels.
>
>Plus there is a web page somewhere that I saw and it shows
>how a gentleman cannibalized an A or B module and made an
>eeprom chip fit into it.
>
>
>
>
>----------
>Posted by: M M <wa6ilq@...>
>----------
>
>
>----------
>
>Yahoo Groups Links
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>
>
<:><:><:><:><:><:><:><:><:><:><:><:><:><:><:>
Jim Conrad - jjc@...
757-560-5970 - 757-512-5710 Fax
Amateur Radio Callsign N4WFP
CAGE 0UD60 - http://www.oceanviewcom.com

247. Looking for Adapters and software

Yahoo group: Motorola_R-1801
Date: 2016-04-23 01:03:26 UTC
From: cegamelin@...
Topic: 247 Message: 247

Hey there group,

I will put this general call out to everyone to see if anyone wants to part with the following adapters and software chips for MX300 programming.

I would like to use my programmer to program some MX300's I have will use the existing "C" and or "D" style proms I have but might be interested in any "D"'s if you want to part with them..

So if anyone is looking to part with any MX300 accessories for the 1801 let me know.

73's

Charles
NM1X

Here is what I am looking for:

Adapter Software
RTL-5085 RTL-4809

RTL-5070 RTL4809

248. Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-07 04:05:18 UTC
From: k7gdm@...
Topic: 248 Message: 248

This site is a surprising answer to a good question for someone who, do to the desire to program my new Motorola MSF5000 digital repeater, where do I begin looking for and understanding the Motorola R-1801? I'm needing help obtaining a Motorola Suitcase Programmer setup and an education on using same.

Dave-k7gdm

249. Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-07 22:55:01 UTC
From: Dave Perso
Topic: 248 Message: 249

Dave-k7gdm,

The R1801A/M does program the MSF5000 analog series but NOT the digital series. That requires RSS (Radio Service Software) and a PC with a pure DOS operating system (NOT Windows).

Dave

250. Re: [Motorola_R-1801] Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-08 00:06:01 UTC
From: Glenn (Butch) Kanvick
Topic: 248 Message: 250

I do have an R-1801 Programmer that has the MSF 5000 programming software in it.

Let me know if you are interested in it.

On Sun, Nov 6, 2016 at 9:05 PM, k7gdm@... [Motorola_R-1801] <Motorola_R-1801@yahoogroups.com> wrote:

>
>
> This site is a surprising answer to a good question for someone who, do
> to the desire to program my new Motorola MSF5000 digital repeater, where do
> I begin looking for and understanding the Motorola R-1801? I'm needing help
> obtaining a Motorola Suitcase Programmer setup and an education on using
> same.
>
>
> Dave-k7gdm
>
>
>

--
Glenn (Butch) Kanvick
KE7FEL/R
1-406-655-1232

251. RE: [Motorola_R-1801] Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-08 00:43:24 UTC
From: <nc4ab@...>
Topic: 248 Message: 251

Dave –

If you can provide the model number from your repeater that would allow everyone to quickly determine if an R1801 is suitable or if you have the newer “digital” version that programs with RSS.

73

NC4AB

From: Motorola_R-1801@yahoogroups.com [mailto:Motorola_R-1801@yahoogroups.com]
Sent: Sunday, November 06, 2016 11:05 PM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Where To Start?

This site is a surprising answer to a good question for someone who, do to the desire to program my new Motorola MSF5000 digital repeater, where do I begin looking for and understanding the Motorola R-1801? I'm needing help obtaining a Motorola Suitcase Programmer setup and an education on using same.

Dave-k7gdm

252. Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-08 00:38:56 UTC
From: k7gdm@...
Topic: 248 Message: 252

You bet. This repeater is so nice. I guess it's fine to do direct email? k7gdm@yahoo.

Dave-k7gdm

253. Re: [Motorola_R-1801] Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-08 05:00:48 UTC
From: M M
Topic: 248 Message: 253

>At 02:55 PM 11/7/2016, Dave Perso <csvc20@...> wrote:
>
>Dave-k7gdm,
>
>The R1801A/M does program the MSF5000 analog series but NOT the
>digital series. That requires RSS (Radio Service Software) and a PC
>with a pure DOS operating system (NOT Windows).
>
>Dave

If you are unsure, the best place to start is this web page....
<http://www.repeater-builder.com/motorola/msf/msf-intro.html>

Look at the photos at the top of the aritlce...

The MSF that has the 3-digit red display on the right side of
the front panel is the later model that uses a PC running
PCDOS or MSDOS.

The version with the display on the left side is the paging
station - which will need some considerable work to make
it into a repeater.

The version with no display is the early version that uses a
2732 family PROM to hold the RF frequency and PL tone
information.
The suitcase programmer is the most common way to program
that version MSF.

Look at your model number. Its formatted like the following:
(letter)(two numbers)(three letters).
If the second number is a 3 it's VHF, if it's a 4 it's UHF.
If the middle letter in the group of three is an L then it's an early
version, an X is a later version.

Mike WA6ILQ

Mike WA6ILQ

254. Re: [Motorola_R-1801] Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-08 06:18:17 UTC
From: Bruce Lane
Topic: 248 Message: 254

To expand on this: Have a look at the 4th thru 6th characters of your station's model number. If they're 'CLB,' you have an analog station which does use the R1801. Said R1801 is used, with the appropriate device adapter, to program a UV erasable EPROM which is then installed on the station's control board.

If those characters are CXB, you have a digital station which can only be programmed with the DOS-based RSS mentioned by Dave. One good telltale is, when you have the front of the station open, see if there's a three-digit seven-segment numeric display on the right side of the control tray. If it's there, you have a digital station. If not, analog.

Here's a link to some pretty good info.

http://www.repeater-builder.com/motorola/msf/msf-beginners-guide.html

Keep the peace(es).

On 07-Nov-16 14:55, Dave Perso csvc20@... [Motorola_R-1801] wrote:
>
>
> Dave-k7gdm,
>
>
> The R1801A/M does program the MSF5000 analog series but NOT the digital
> series. That requires RSS (Radio Service Software) and a PC with a pure
> DOS operating system (NOT Windows).
>
>
> Dave
>
>
>
>

--

Bruce Lane, ARS KC7GR
http://www.bluefeathertech.com
kyrrin (at) bluefeathertech dot com
"Quando Omni Flunkus Moritati" (Red Green)

255. rtl-5815a

Yahoo group: Motorola_R-1801
Date: 2016-11-11 14:42:34 UTC
From: Alan Jaworowski
Topic: 255 Message: 255

Greetings New to this group and the r1801.
I have a r1801 and need a rtl5815a to program some syntorx for 2 and 6 meters,any for sale?
al n2qoh

256. Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-16 15:05:21 UTC
From: K7gdm
Topic: 248 Message: 256

I've been busy trying to get the house ready before winter and am sorry for the delay in responding to questions.

I have a CXB model MSF5000. According to system numbers I have the following.

C73CXB-7106BT which translates into: Compa, 135watt, 132–174 MHz, digital capable, 120 volt supply, programmable, 25 kHz spacing, 1 channel, tone, it's a newer model, and it's a repeater.

I understand from one contributor that I'm barking up the wrong tree with the 1801? This is why I like the various technical groups available today. Any help steering me in the right direction would be much appreciated.

Dave/k7gdm and Rocky the service dog,

257. Re: [Motorola_R-1801] Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-16 21:41:38 UTC
From: Dave Perso
Topic: 248 Message: 257

Correct Dave, the CXB is a digital unit that requires a PC (running a DOS operating system) and the proper MSS (Motorola Service Software) program and cables. The R1801 is ONLY for the analog MSFs.

Dave

From: Motorola_R-1801@yahoogroups.com <Motorola_R-1801@yahoogroups.com> on behalf of K7gdm k7gdm@... [Motorola_R-1801] <Motorola_R-1801@yahoogroups.com>
Sent: Wednesday, November 16, 2016 10:05 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Re: Where To Start?

I've been busy trying to get the house ready before winter and am sorry for the delay in responding to questions.

I have a CXB model MSF5000. According to system numbers I have the following.

C73CXB-7106BT which translates into: Compa, 135watt, 132-174 MHz, digital capable, 120 volt supply, programmable, 25 kHz spacing, 1 channel, tone, it's a newer model, and it's a repeater.

I understand from one contributor that I'm barking up the wrong tree with the 1801? This is why I like the various technical groups available today. Any help steering me in the right direction would be much appreciated.

Dave/k7gdm and Rocky the service dog,

258. RE: [Motorola_R-1801] Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-17 01:01:52 UTC
From: <nc4ab@...>
Topic: 248 Message: 258

Dave -

There is an MSF5000 yahoo group that is very knowledgeable with the digital stations.

73

Andy / NC4AB

From: Motorola_R-1801@yahoogroups.com [mailto:Motorola_R-1801@yahoogroups.com]
Sent: Wednesday, November 16, 2016 10:05 AM
To: Motorola_R-1801@yahoogroups.com
Subject: [Motorola_R-1801] Re: Where To Start?

I've been busy trying to get the house ready before winter and am sorry for the delay in responding to questions.

I have a CXB model MSF5000. According to system numbers I have the following.

C73CXB-7106BT which translates into: Compa, 135watt, 132-174 MHz, digital capable, 120 volt supply, programmable, 25 kHz spacing, 1 channel, tone, it's a newer model, and it's a repeater.

I understand from one contributor that I'm barking up the wrong tree with the 1801? This is why I like the various technical groups available today. Any help steering me in the right direction would be much appreciated.

Dave/k7gdm and Rocky the service dog,

259. Re: [Motorola_R-1801] Re: Where To Start?

Yahoo group: Motorola_R-1801
Date: 2016-11-17 02:16:07 UTC
From: Bruce Lane
Topic: 248 Message: 259

Quite correct. For the CXB stations, programming is done with MS-DOS based software, a Motorola RIB (Radio Interface Box) and the appropriate cable.

Here's a link with instructions to make a programming cable.

http://batlabs.com/msf5kpin.html

This link will tell you all about the RIB, and how to build one (if you don't already have one).

http://batlabs.com/2wayrib.html

The software could be an issue. Motorola discontinued it a few years back. You may be able to find it here:

https://hamfiles.co.uk/index.php?page=downloads&type=entry&id=radio-programming%2Fmotorola-programming%2Fmsf5000-programming

...Or with some diligent Internet searching.

The MSF is a fine unit. Enjoy!

On 16-Nov-16 07:05, K7gdm k7gdm@... [Motorola_R-1801] wrote:
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Bruce Lane, ARS KC7GR
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kyrrin (at) bluefeathertech dot com
"Quando Omni Flunkus Moritati" (Red Green)